

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
 Data File : VN062942.D
 Acq On : 14 Aug 2020 18:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 17 09:29:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	166339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130612	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.55	113	91519	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	10.06	98	350605	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.38	95	134808	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	107249	45.027	ug/l	99
3) Chloromethane	2.03	50	122283	54.403	ug/l	98
4) Vinyl Chloride	2.16	62	163808	77.701	ug/l	97
5) Bromomethane	2.50	94	84144	60.293	ug/l	98
6) Chloroethane	2.65	64	102993	74.259	ug/l	95
7) Trichlorofluoromethane	2.97	101	212558	56.542	ug/l	98
8) Diethyl Ether	3.37	74	49215	45.731	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	74906	49.395	ug/l	98
10) Methyl Iodide	3.90	142	85615	46.988	ug/l	97
11) Tert butyl alcohol	4.74	59	97131	215.446	ug/l	98
12) 1,1-Dichloroethene	3.69	96	66762	47.060	ug/l	97
13) Acrolein	3.56	56	67358	246.762	ug/l	96
14) Allyl chloride	4.27	41	124401	42.717	ug/l	96
15) Acrylonitrile	4.93	53	242973	232.361	ug/l	100
16) Acetone	3.78	43	229305	230.703	ug/l	98
17) Carbon Disulfide	4.00	76	174220	43.191	ug/l	98
18) Methyl Acetate	4.28	43	112599	47.849	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	299910	46.537	ug/l	99
20) Methylene Chloride	4.50	84	87009	47.801	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	72969	43.836	ug/l	96
22) Diisopropyl ether	5.91	45	294730	47.541	ug/l	97
23) Vinyl Acetate	5.84	43	1020017	216.311	ug/l	99
24) 1,1-Dichloroethane	5.80	63	161448	44.438	ug/l	98
25) 2-Butanone	6.79	43	327481	232.631	ug/l	100
26) 2,2-Dichloropropane	6.77	77	148469	44.333	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	90580	45.362	ug/l	96
28) Bromochloromethane	7.15	49	84937	48.441	ug/l	98
29) Tetrahydrofuran	7.17	42	210927	230.634	ug/l	99
30) Chloroform	7.33	83	175407	45.430	ug/l	100
31) Cyclohexane	7.61	56	142335	42.679	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	155505	45.047	ug/l	100
36) 1,1-Dichloropropene	7.75	75	112043	45.055	ug/l	96
37) Ethyl Acetate	6.88	43	122317	47.086	ug/l	98
38) Carbon Tetrachloride	7.73	117	131620	44.751	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	139865	46.735	ug/l	100
40) Benzene	8.00	78	339888	45.803	ug/l	98
41) Methacrylonitrile	7.12	41	50505	43.086	ug/l #	6
42) 1,2-Dichloroethane	8.09	62	146961	46.530	ug/l	99
43) Isopropyl Acetate	8.13	43	198631	45.842	ug/l	98
44) Trichloroethene	8.80	130	83602	46.242	ug/l	97
45) 1,2-Dichloropropane	9.09	63	98251	48.920	ug/l	96
46) Dibromomethane	9.18	93	63716	48.419	ug/l	98
47) Bromodichloromethane	9.37	83	146030	49.409	ug/l	99
48) Methyl methacrylate	9.17	41	98573	46.252	ug/l	97
49) 1,4-Dioxane	9.17	88	39839	1008.839	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	679437	242.357	ug/l	98
52) Toluene	10.13	92	219522	47.913	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	155712	47.897	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	158495	48.558	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	93952	48.013	ug/l	98
56) Ethyl methacrylate	10.40	69	147142	49.957	ug/l	97
57) 1,3-Dichloropropane	10.68	76	160912	48.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	175798	211.154	ug/l	99
59) 2-Hexanone	10.72	43	505834	241.885	ug/l	99
60) Dibromochloromethane	10.88	129	110692	49.569	ug/l	99
61) 1,2-Dibromoethane	10.98	107	96111	49.775	ug/l	98
64) Tetrachloroethene	10.60	164	73318	46.410	ug/l	98
65) Chlorobenzene	11.41	112	244977	47.864	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	100265	48.782	ug/l	97
67) Ethyl Benzene	11.48	91	442150	48.275	ug/l	97
68) m/p-Xylenes	11.60	106	329938	99.238	ug/l	97
69) o-Xylene	11.92	106	158228	50.784	ug/l	97
70) Styrene	11.94	104	280772	51.267	ug/l	99
71) Bromoform	12.10	173	81327	48.361	ug/l #	99
73) Isopropylbenzene	12.22	105	441527	48.144	ug/l	99
74) N-amyl acetate	12.05	43	178436	48.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	148230	45.914	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	195827	59.619	ug/l #	100
77) Bromobenzene	12.50	156	109124	47.889	ug/l	92
78) n-propylbenzene	12.57	91	516457	47.974	ug/l	98
79) 2-Chlorotoluene	12.65	91	317431	47.021	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	395877	49.757	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50425	46.865	ug/l	99
82) 4-Chlorotoluene	12.75	91	336325	48.344	ug/l	98
83) tert-Butylbenzene	12.97	119	333628	49.556	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	387128	50.861	ug/l	99
85) sec-Butylbenzene	13.15	105	435645	49.276	ug/l	99
86) p-Isopropyltoluene	13.26	119	393667	50.165	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	195345	47.987	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	192816	47.225	ug/l	99
89) n-Butylbenzene	13.59	91	322336	48.566	ug/l	99
90) Hexachloroethane	13.85	117	77147	45.607	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	192059	50.324	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	32367	46.699	ug/l	96

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QLast Update : Wed Aug 05 13:26:42 2020
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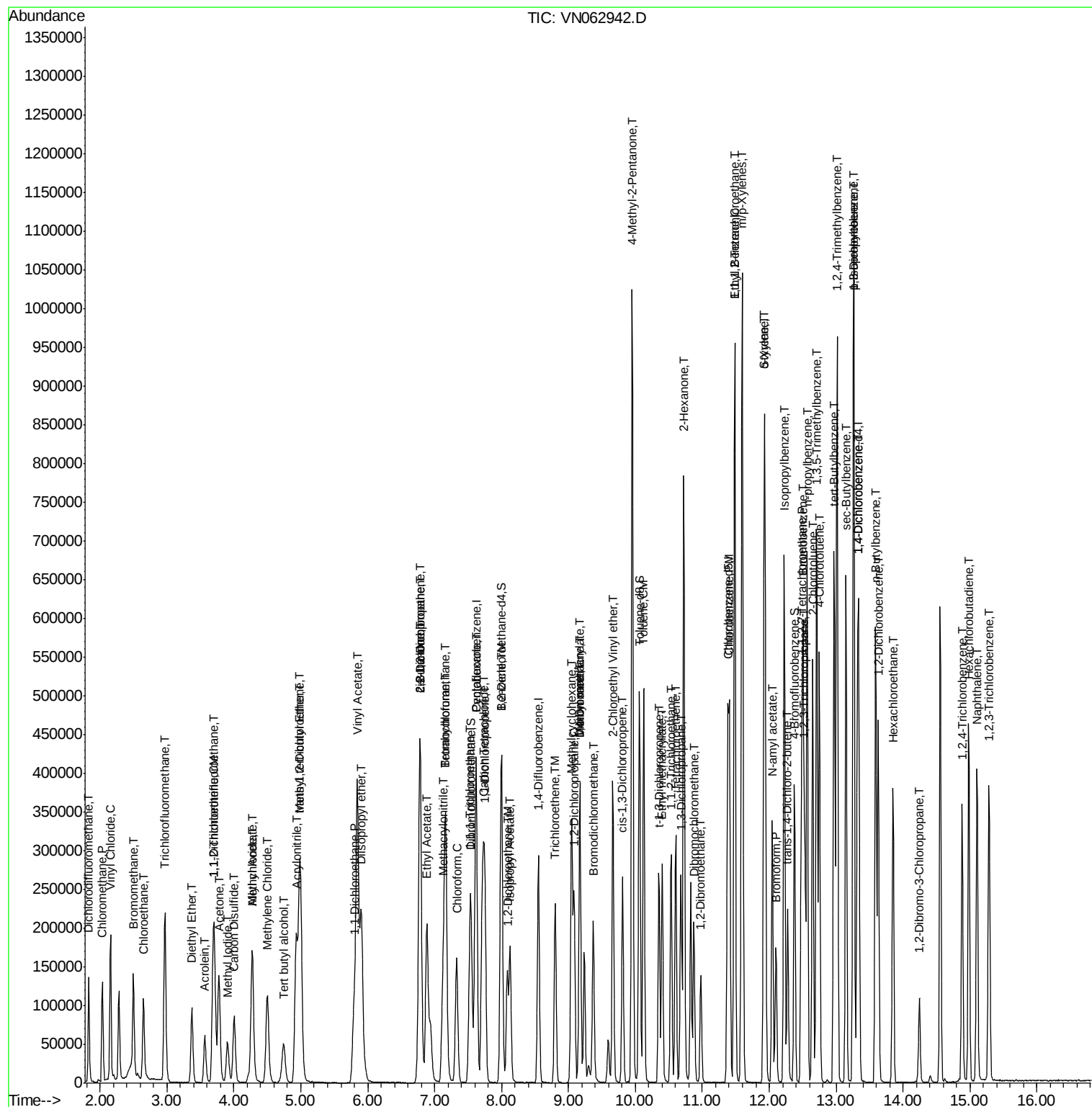
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	115243	55.811	ug/l	97
94) Hexachlorobutadiene	14.98	225	85889	72.187	ug/l	99
95) Naphthalene	15.10	128	336892	59.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	131166	64.110	ug/l	99

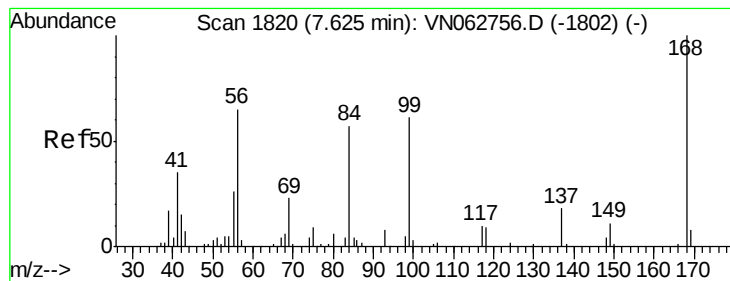
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

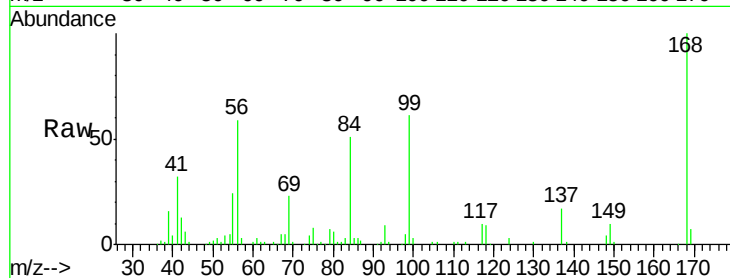
VSTDCCC050

Tgt Ion:168 Resp: 166339

Ion Ratio Lower Upper

168 100

99 61.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

40000

20000

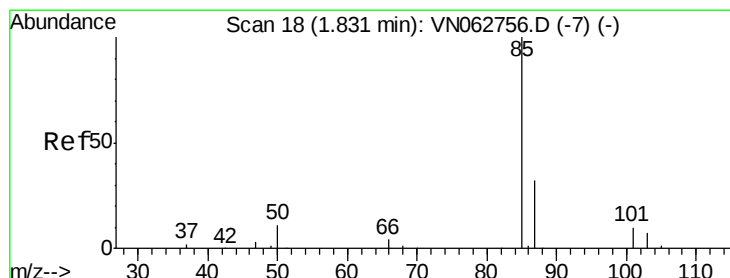
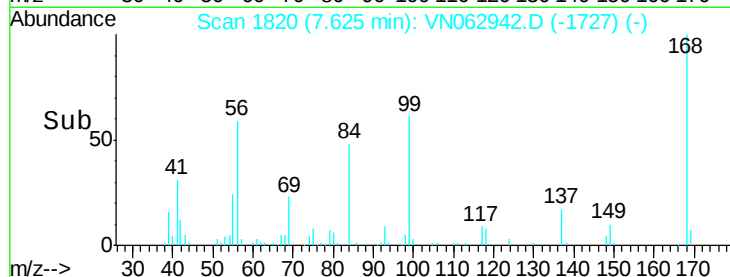
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.027 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062942.D

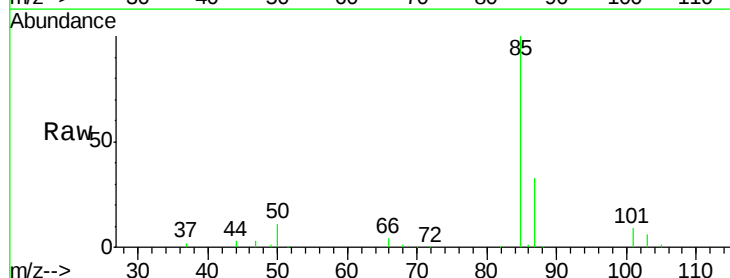
Acq: 14 Aug 2020 18:30

Tgt Ion: 85 Resp: 107249

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

40000

20000

0

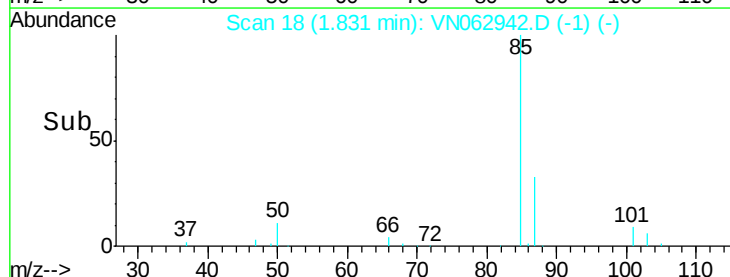
1.75

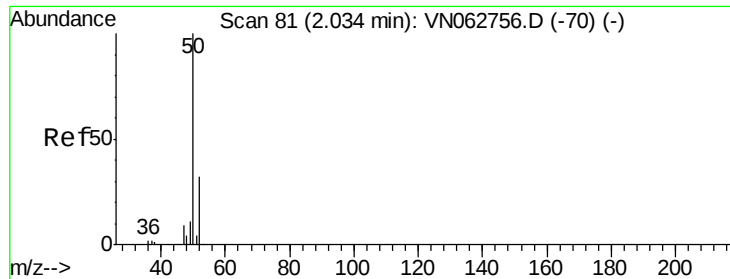
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 54.403 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

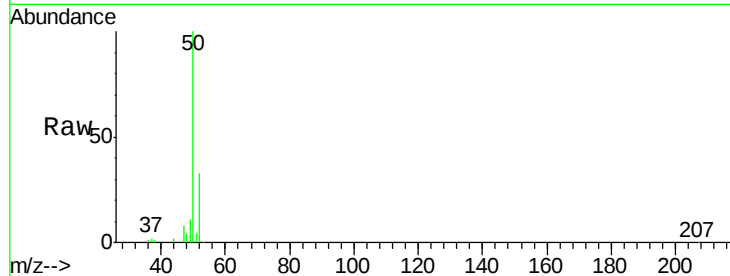
VSTDCCC050

Tgt Ion: 50 Resp: 122283

Ion Ratio Lower Upper

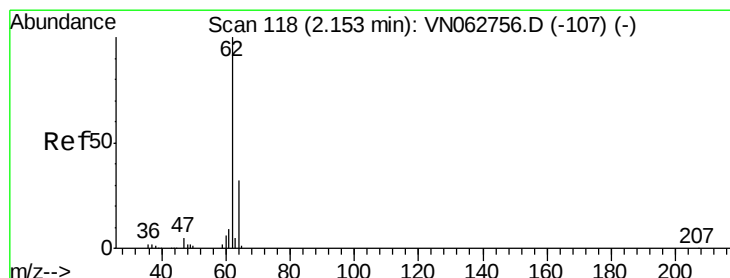
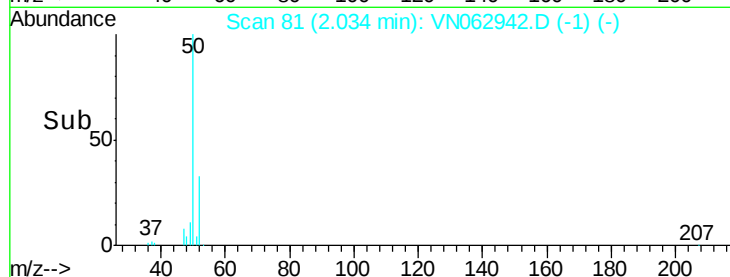
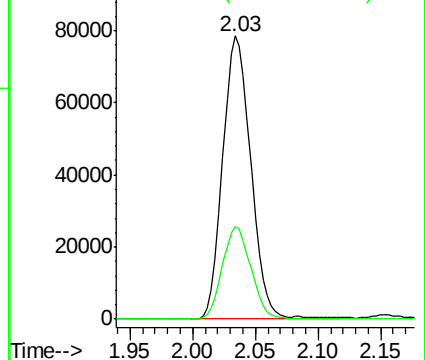
50 100

52 32.8 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 77.701 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062942.D

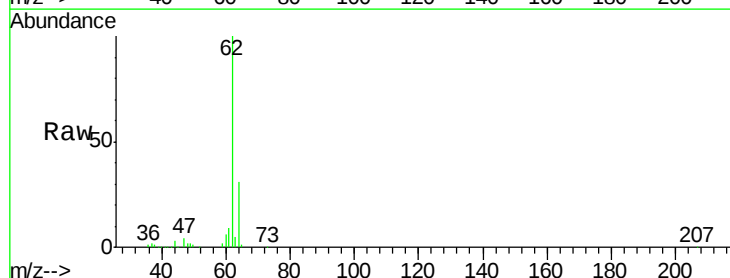
Acq: 14 Aug 2020 18:30

Tgt Ion: 62 Resp: 163808

Ion Ratio Lower Upper

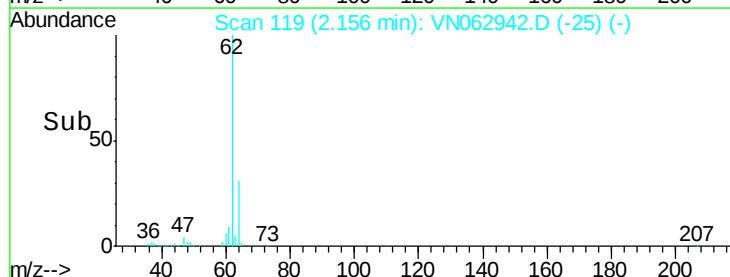
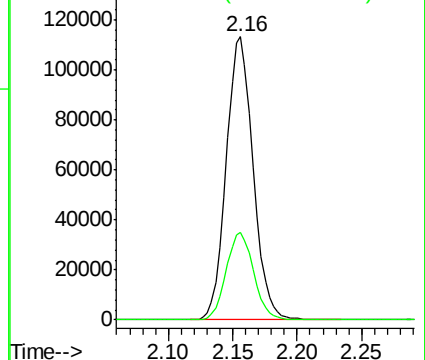
62 100

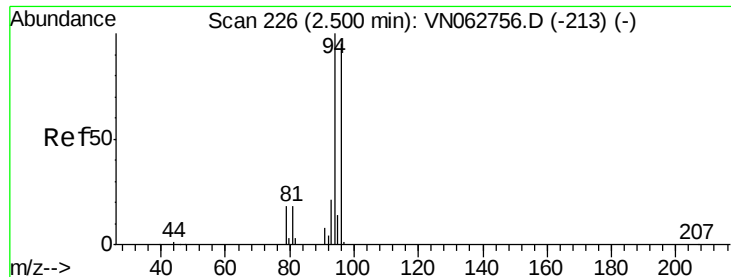
64 30.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 60.293 ug/l

RT: 2.50 min Scan# 225

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

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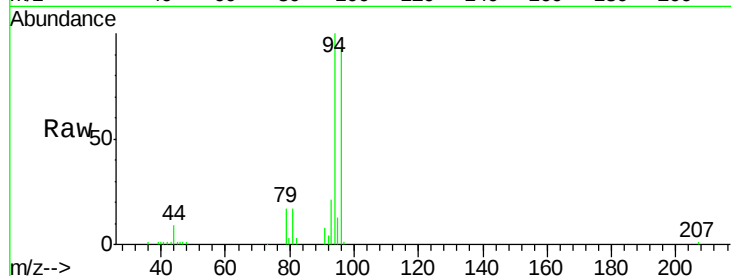
VSTDCCC050

Tgt Ion: 94 Resp: 84144

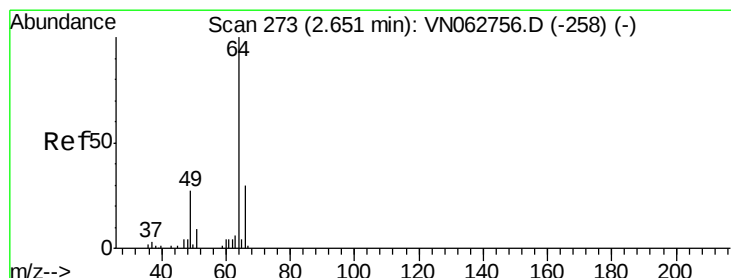
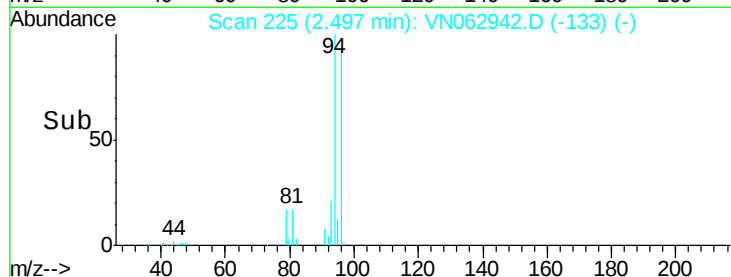
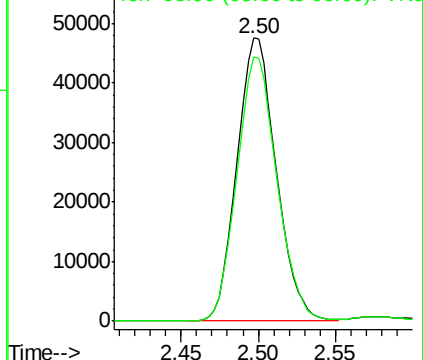
Ion Ratio Lower Upper

94 100

96 93.4 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 74.259 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.00 min

Lab File: VN062942.D

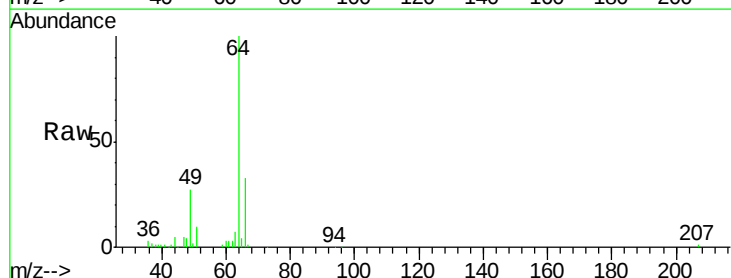
Acq: 14 Aug 2020 18:30

Tgt Ion: 64 Resp: 102993

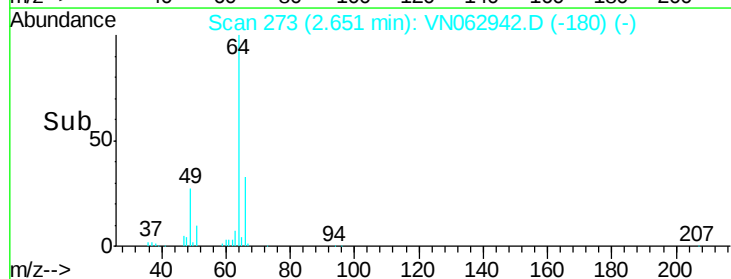
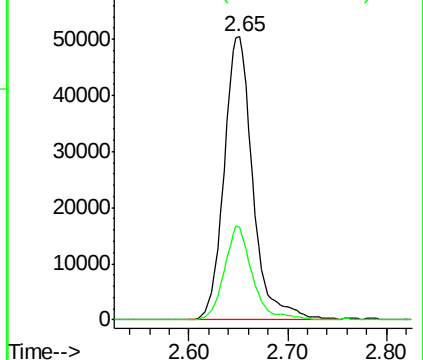
Ion Ratio Lower Upper

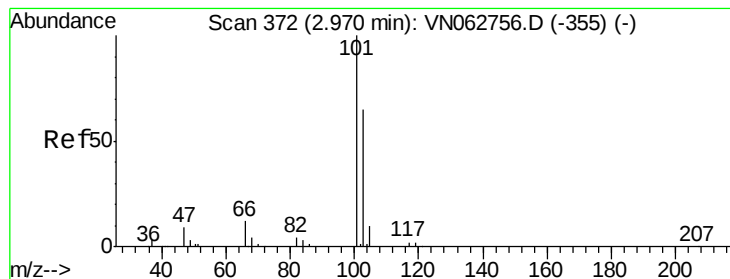
64 100

66 32.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



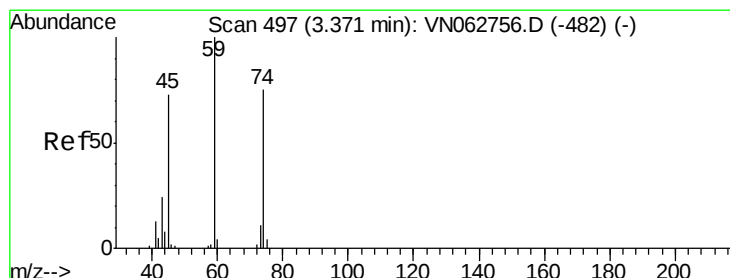
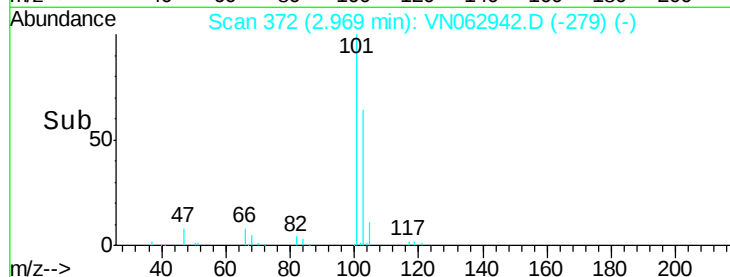
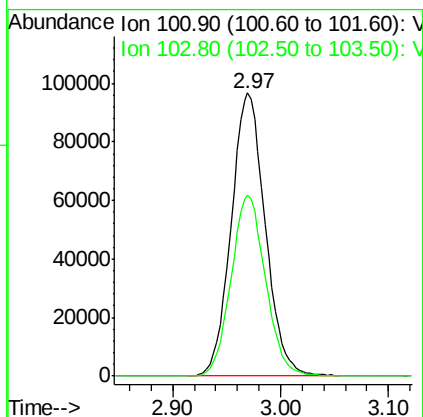
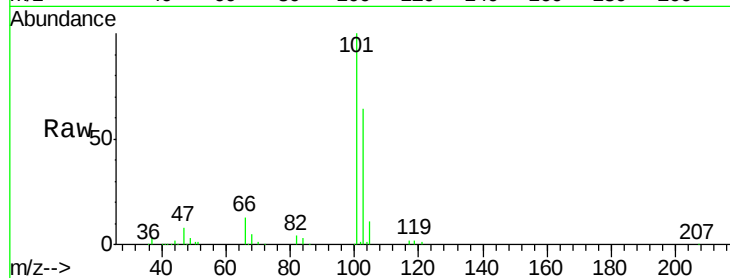


#7

Trichlorofluoromethane
 Concen: 56.542 ug/l
 RT: 2.97 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Instrument :
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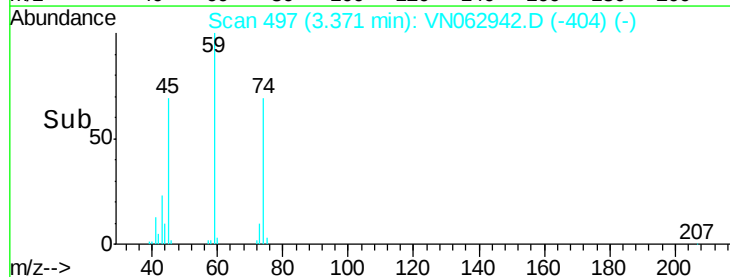
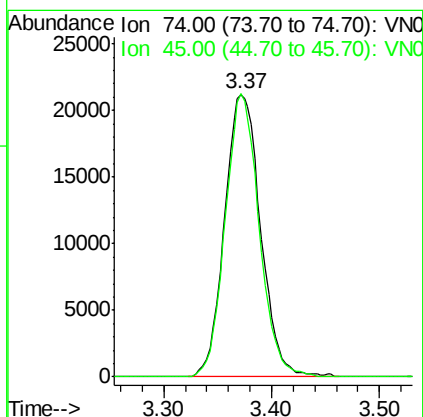
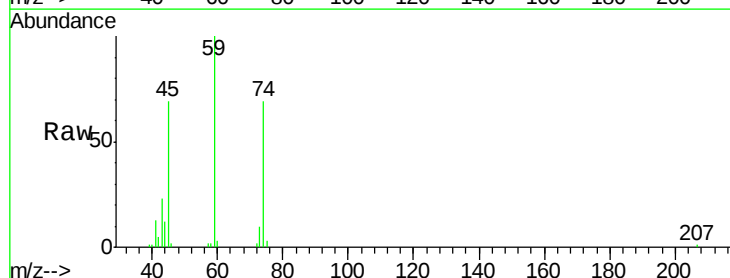
Tgt Ion:101 Resp: 212558
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

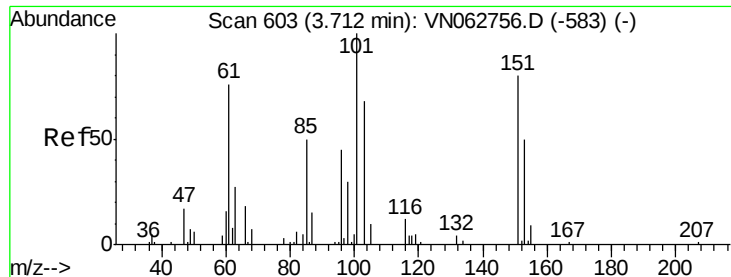


#8

Diethyl Ether
 Concen: 45.731 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion: 74 Resp: 49215
 Ion Ratio Lower Upper
 74 100
 45 94.3 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.395 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.00 min

Lab File: VN062942.D

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Instrument :

MSVOA_N

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VSTDCCC050

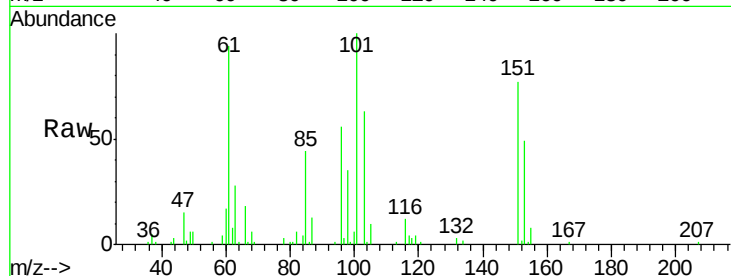
Tgt Ion:101 Resp: 74906

Ion Ratio Lower Upper

101 100

85 44.7 38.5 57.7

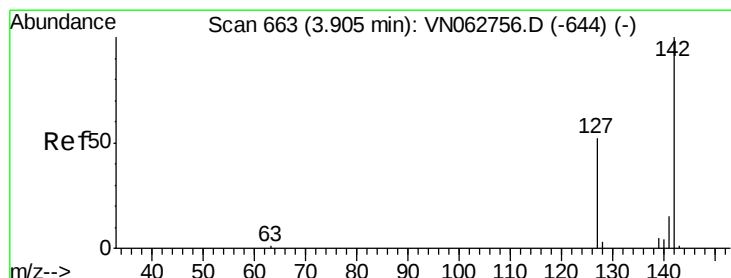
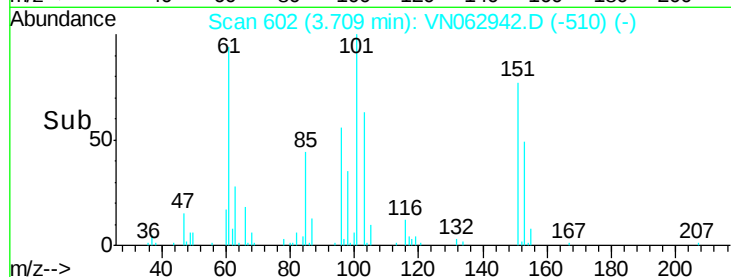
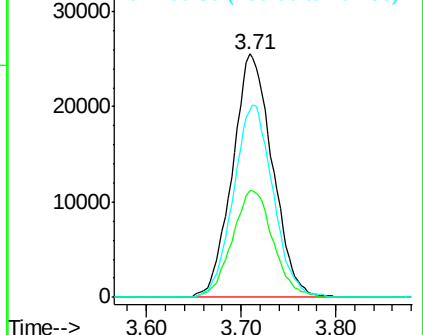
151 78.3 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.988 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

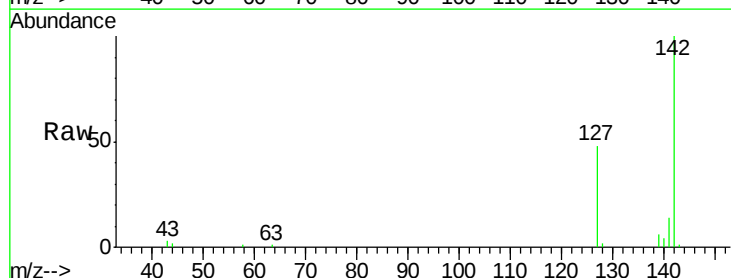
Tgt Ion:142 Resp: 85615

Ion Ratio Lower Upper

142 100

127 48.9 41.4 62.0

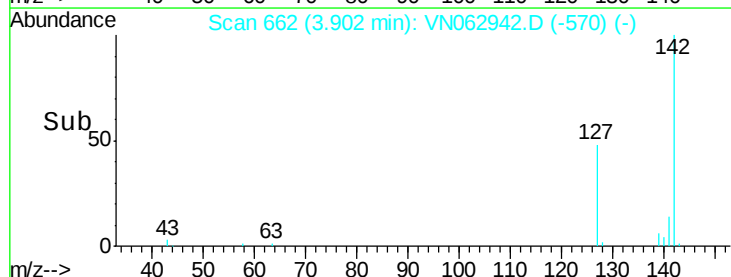
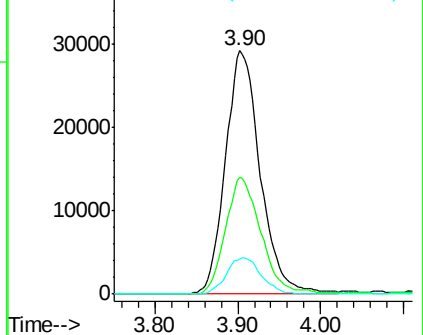
141 14.9 12.2 18.4

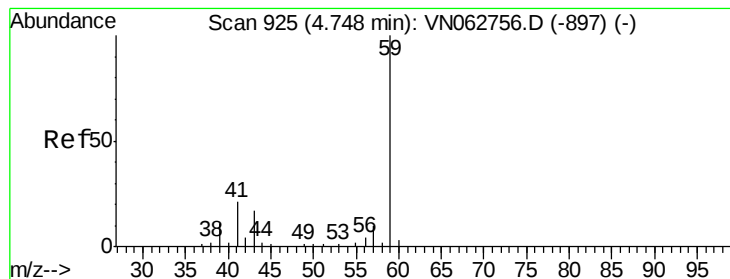


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



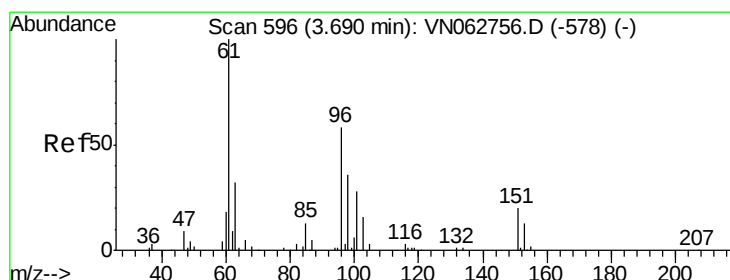
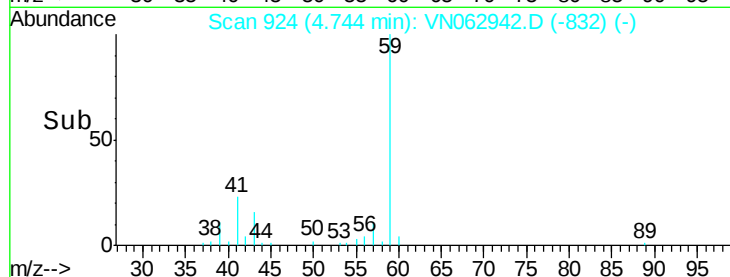
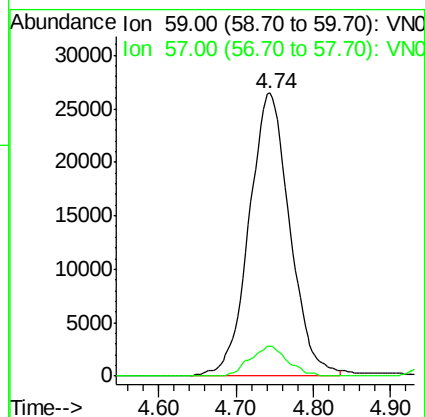
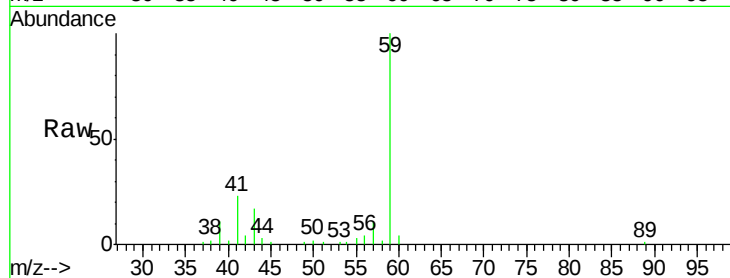


#11

Tert butyl alcohol
 Concen: 215.446 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

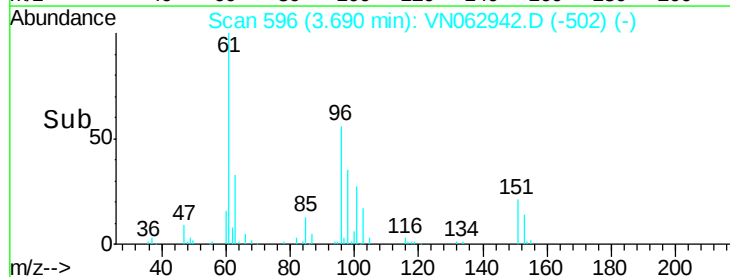
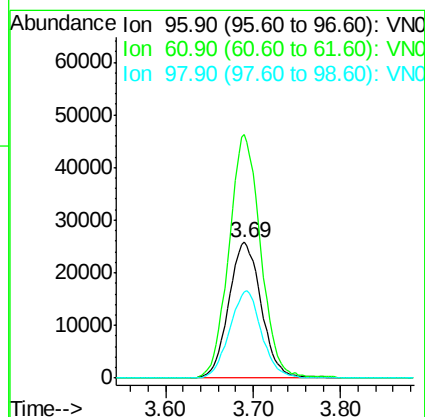
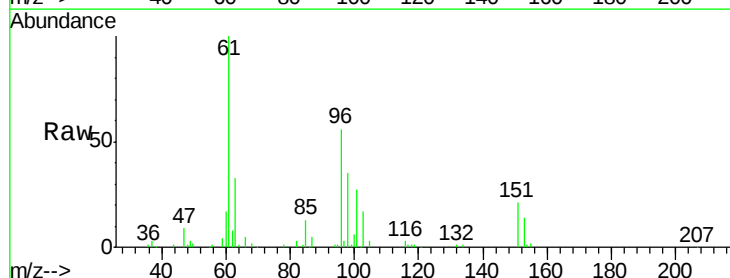
Tgt Ion: 59 Resp: 97131
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

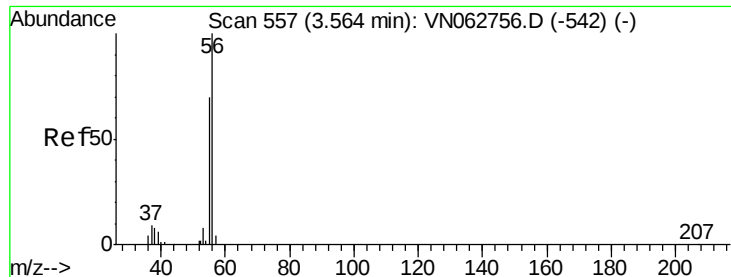


#12

1,1-Dichloroethene
 Concen: 47.060 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion: 96 Resp: 66762
 Ion Ratio Lower Upper
 96 100
 61 179.2 139.0 208.6
 98 63.2 50.2 75.4





#13

Acrolein

Concen: 246.762 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

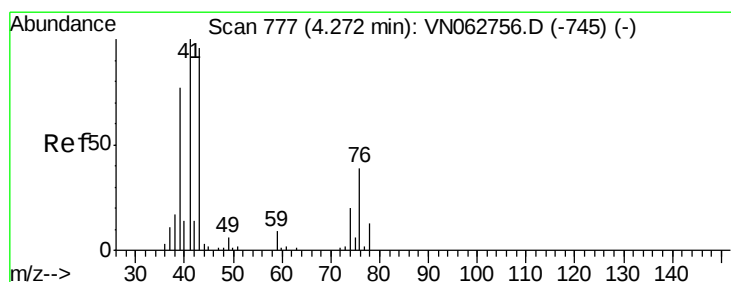
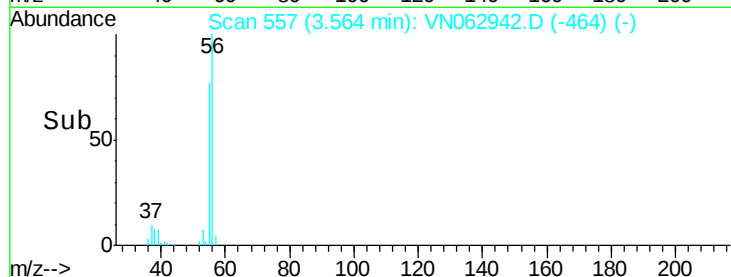
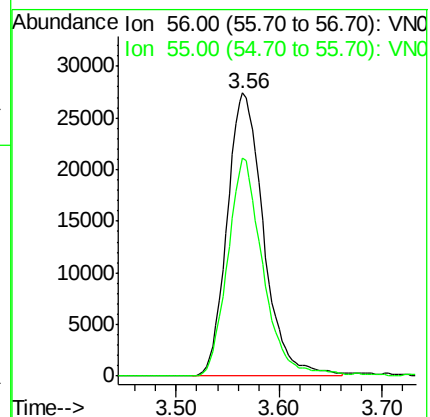
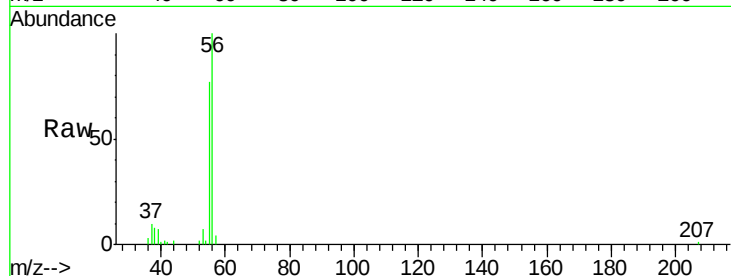
VSTDCCC050

Tgt Ion: 56 Resp: 67358

Ion Ratio Lower Upper

56 100

55 74.4 57.0 85.6



#14

Allyl chloride

Concen: 42.717 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

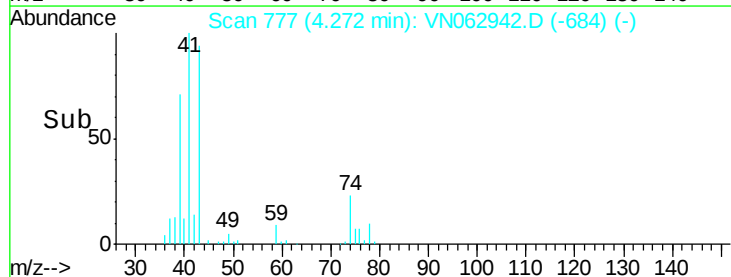
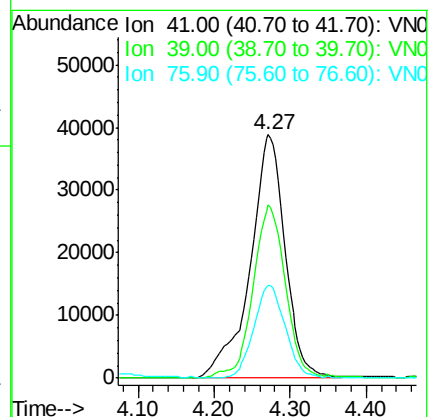
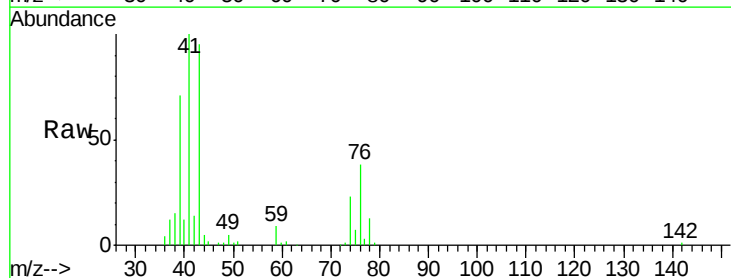
Tgt Ion: 41 Resp: 124401

Ion Ratio Lower Upper

41 100

39 65.4 55.7 83.5

76 34.2 27.5 41.3





#15

Acrylonitrile

Concen: 232.361 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

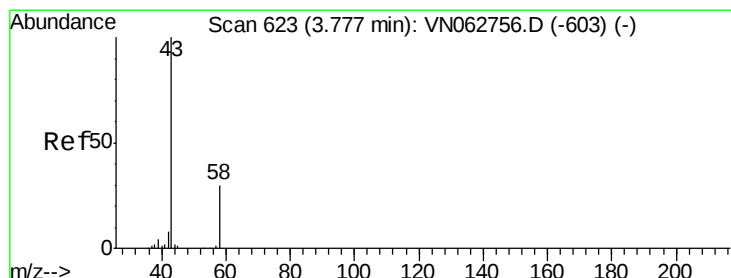
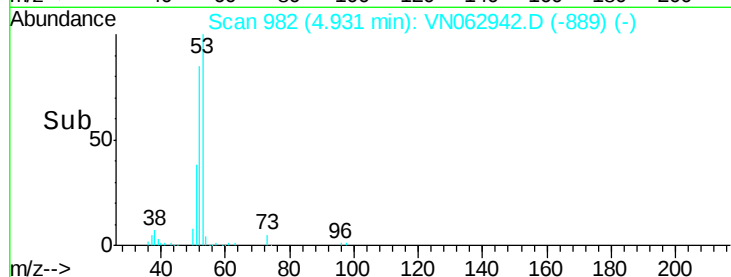
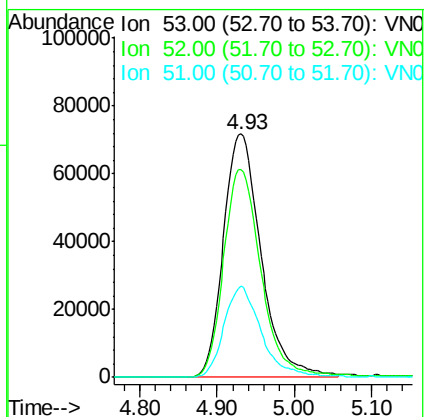
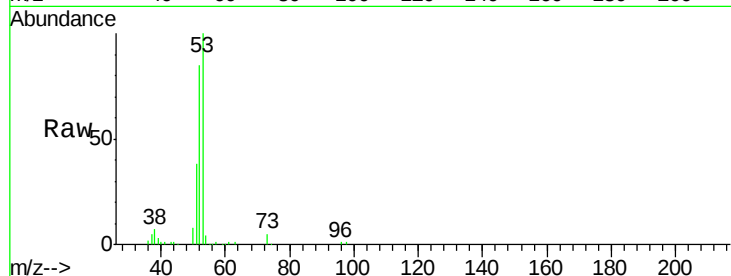
Tgt Ion: 53 Resp: 242973

Ion Ratio Lower Upper

53 100

52 83.8 66.8 100.2

51 36.9 29.5 44.3



#16

Acetone

Concen: 230.703 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062942.D

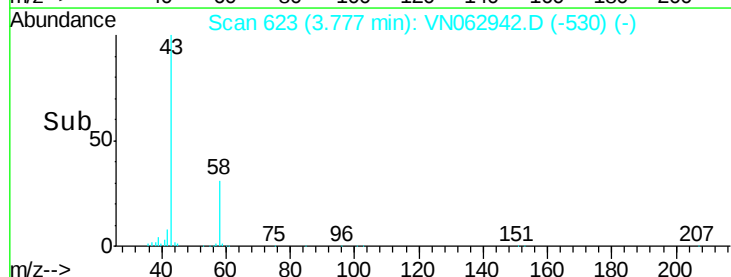
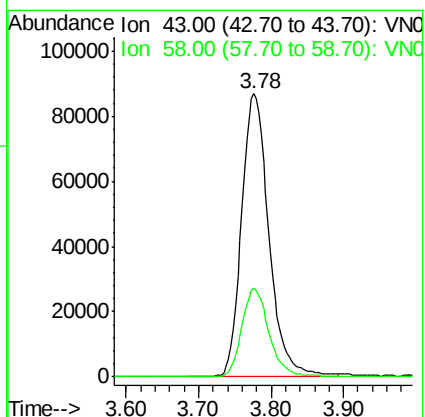
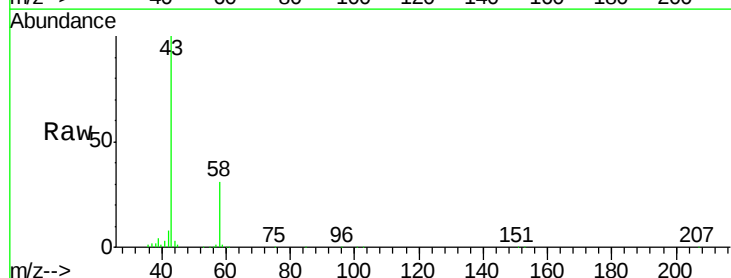
Acq: 14 Aug 2020 18:30

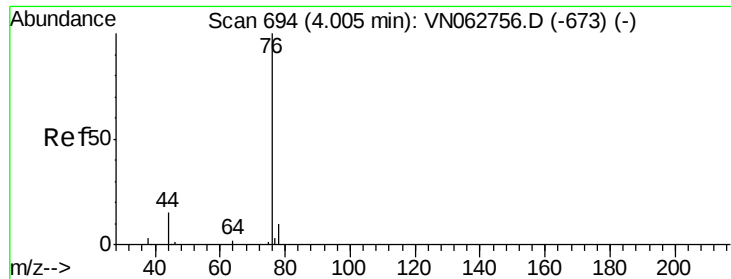
Tgt Ion: 43 Resp: 229305

Ion Ratio Lower Upper

43 100

58 31.2 24.1 36.1





#17

Carbon Disulfide

Concen: 43.191 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

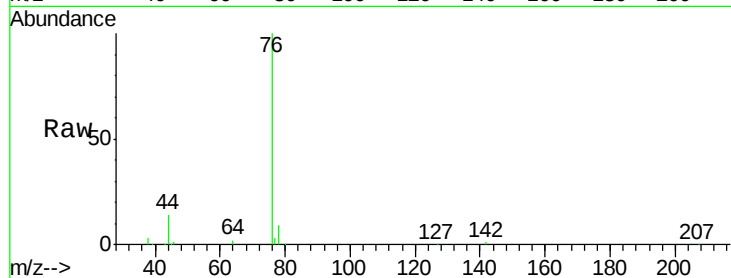
VSTDCCC050

Tgt Ion: 76 Resp: 174220

Ion Ratio Lower Upper

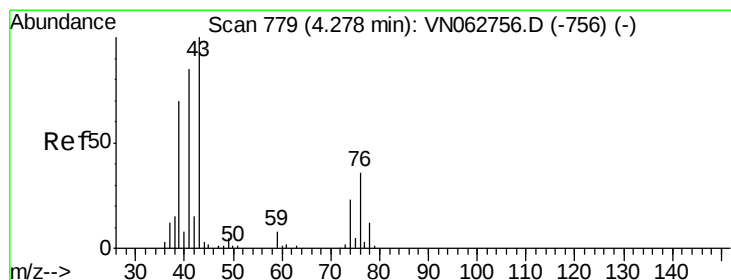
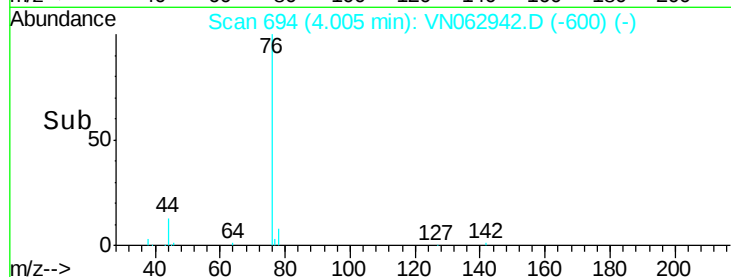
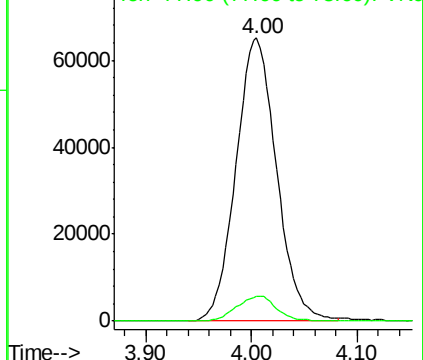
76 100

78 8.8 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN062942.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062942.D (-600) (-)



#18

Methyl Acetate

Concen: 47.849 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062942.D

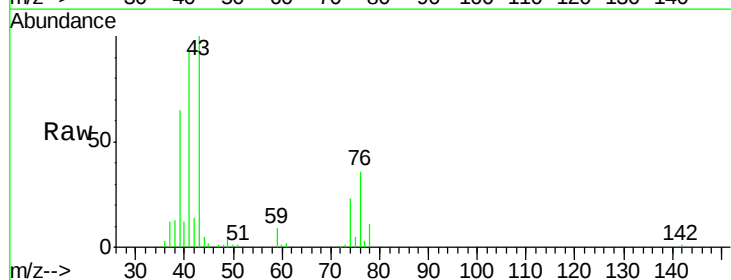
Acq: 14 Aug 2020 18:30

Tgt Ion: 43 Resp: 112599

Ion Ratio Lower Upper

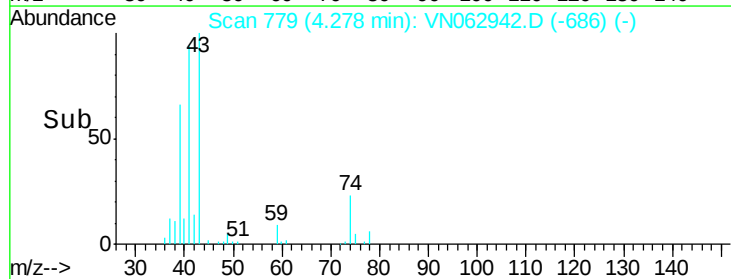
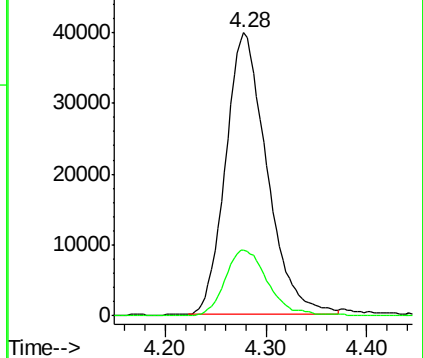
43 100

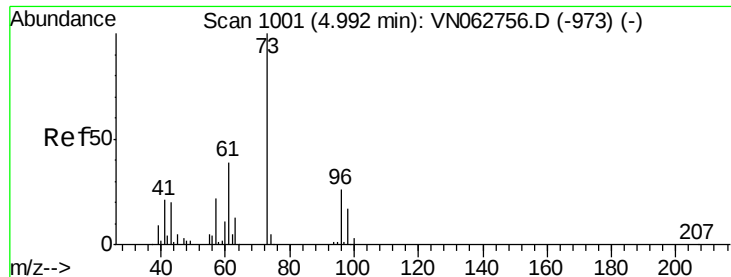
74 24.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN062942.D (-686) (-)

Ion 74.00 (73.70 to 74.70): VN062942.D (-686) (-)

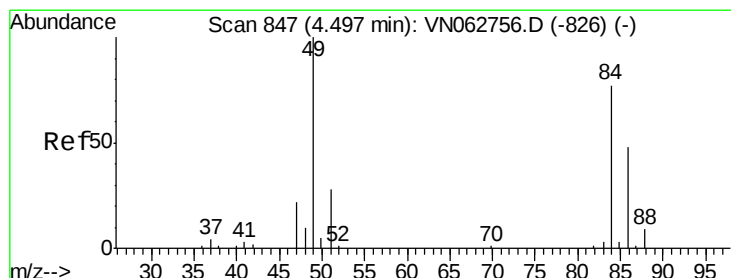
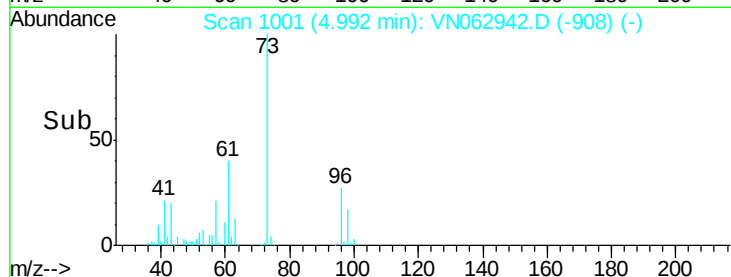
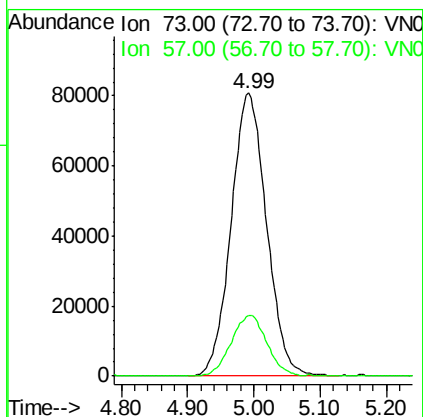
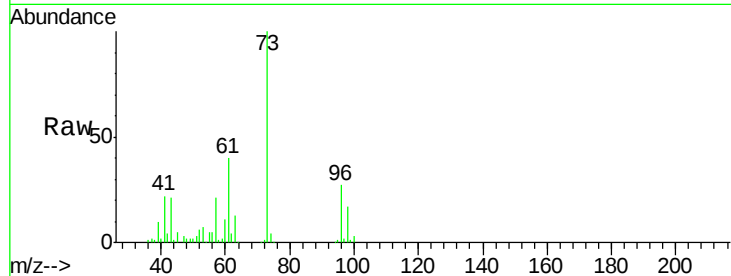




#19
Methyl tert-butyl Ether
Concen: 46.537 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

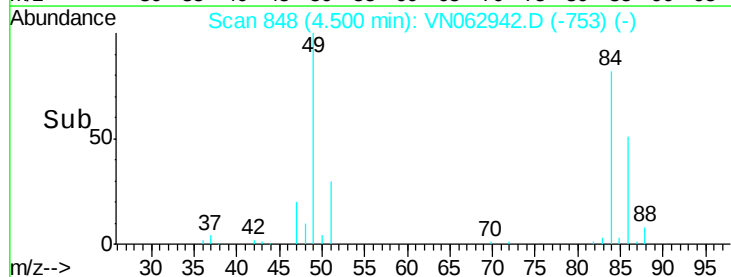
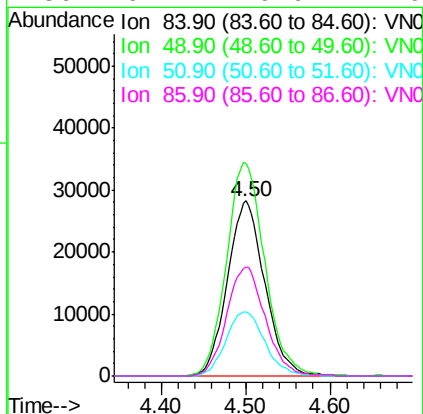
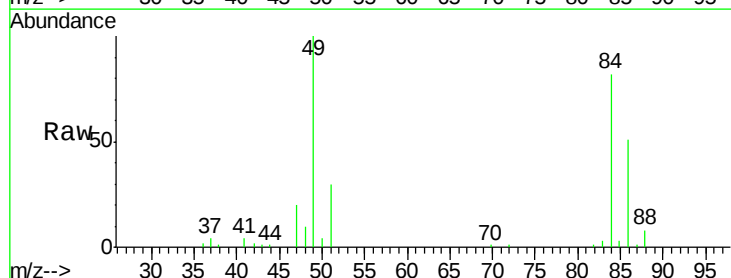
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

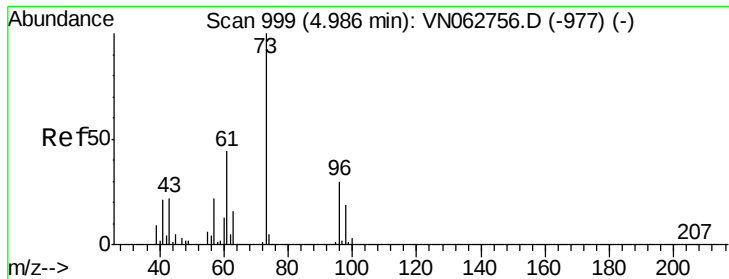
Tgt Ion: 73 Resp: 299910
Ion Ratio Lower Upper
73 100
57 21.2 17.5 26.3



#20
Methylene Chloride
Concen: 47.801 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 84 Resp: 87009
Ion Ratio Lower Upper
84 100
49 120.9 103.4 155.2
51 36.5 29.3 43.9
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 43.836 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

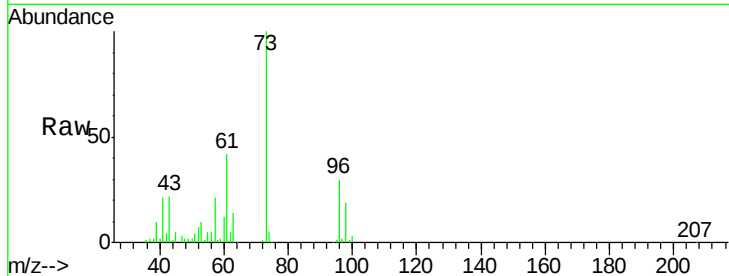
Tgt Ion: 96 Resp: 72969

Ion Ratio Lower Upper

96 100

61 140.7 118.8 178.2

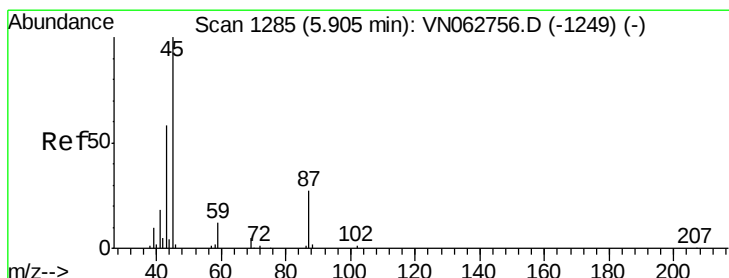
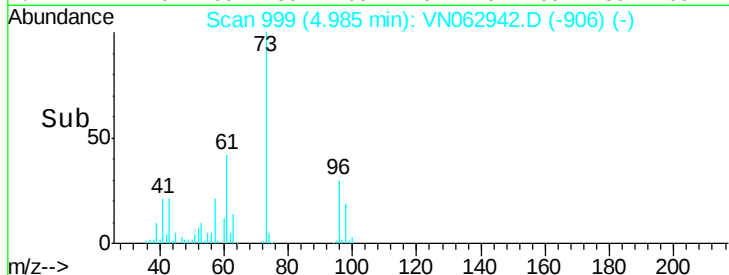
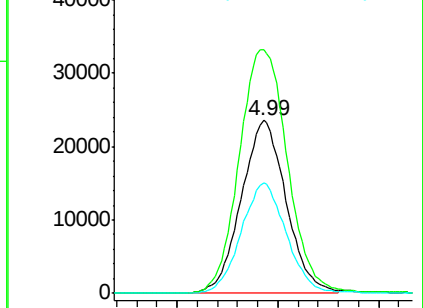
98 63.9 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062942.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062942.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062942.D (-906) (-)



#22

Diisopropyl ether

Concen: 47.541 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Tgt Ion: 45 Resp: 294730

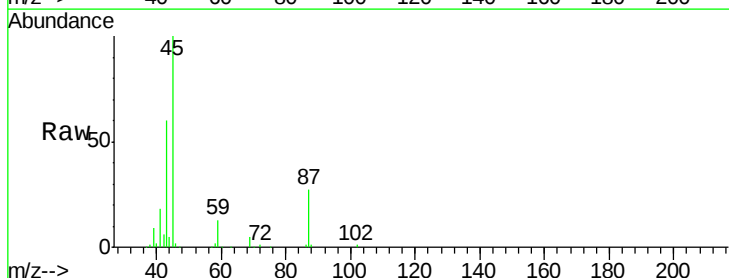
Ion Ratio Lower Upper

45 100

43 57.1 47.4 71.2

87 26.8 22.8 34.2

59 12.5 9.9 14.9

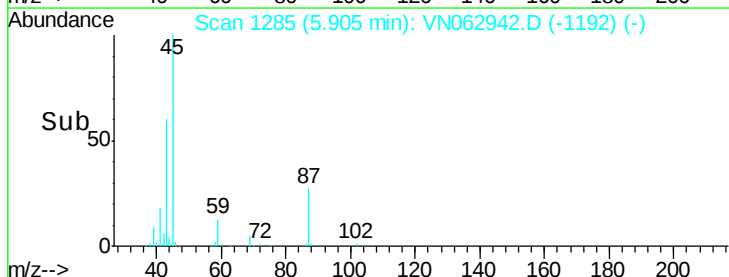
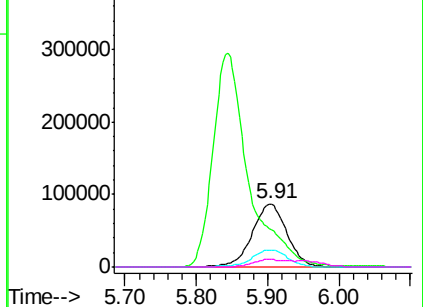


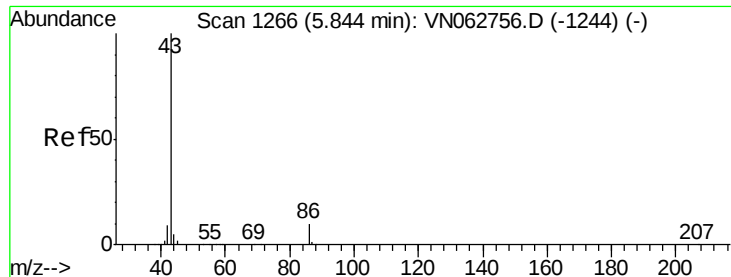
Abundance Ion 45.00 (44.70 to 45.70): VN062942.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN062942.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN062942.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN062942.D (-1192) (-)





#23

Vinyl Acetate

Concen: 216.311 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

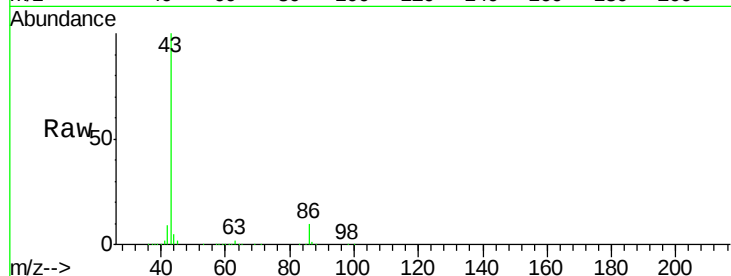
VSTDCCC050

Tgt Ion: 43 Resp: 1020017

Ion Ratio Lower Upper

43 100

86 10.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1244) (-)

Ion 86.00 (85.70 to 86.70): VN062756.D (-1244) (-)

5.84

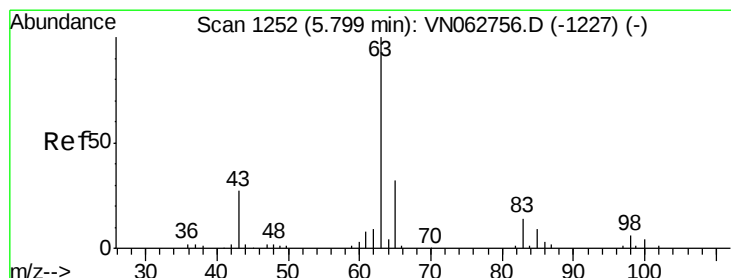
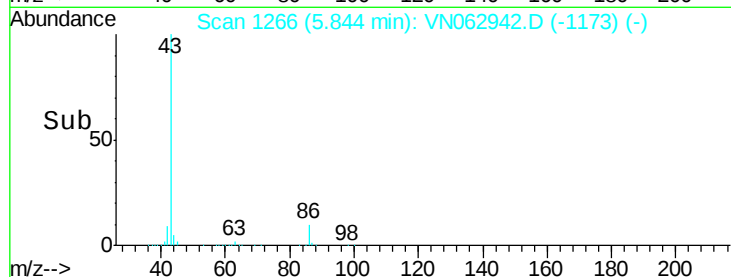
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.438 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

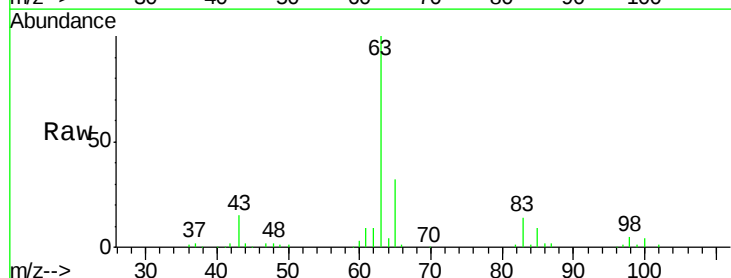
Tgt Ion: 63 Resp: 161448

Ion Ratio Lower Upper

63 100

98 5.3 3.0 9.2

100 4.0 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN062756.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062756.D (-1227) (-)

5.80

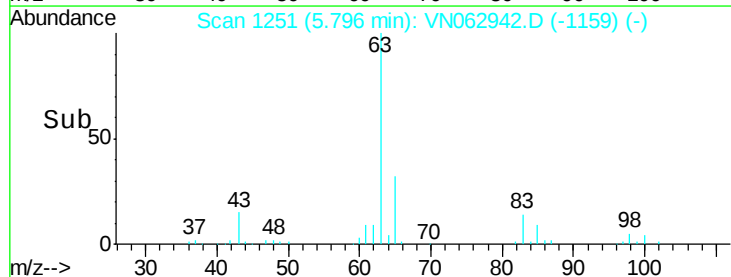
60000

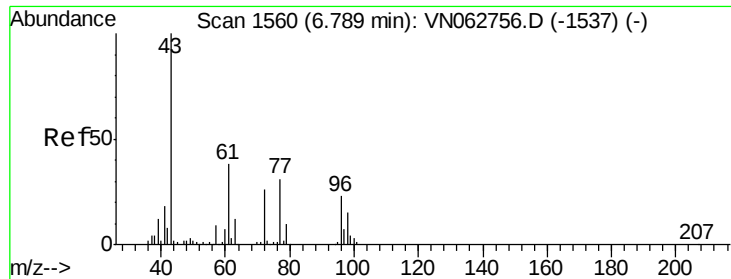
40000

20000

0

Time-->

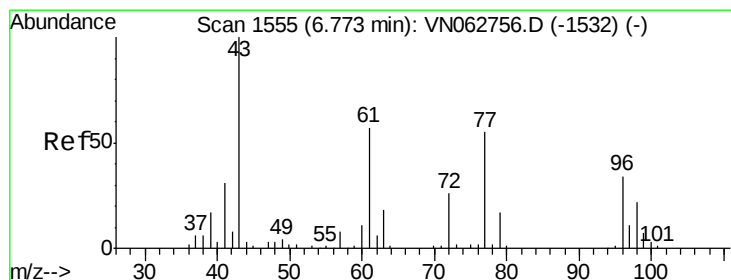
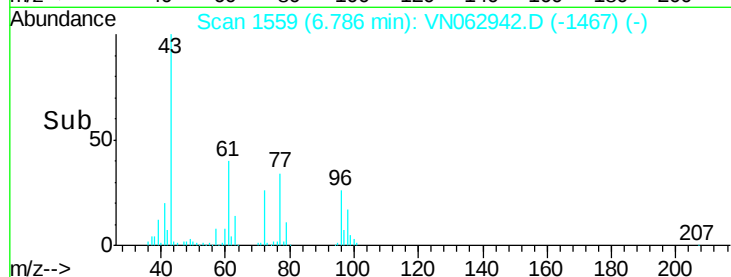
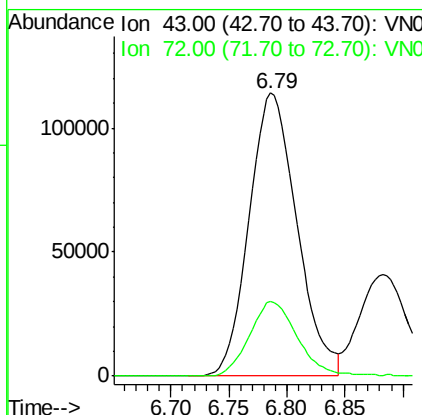
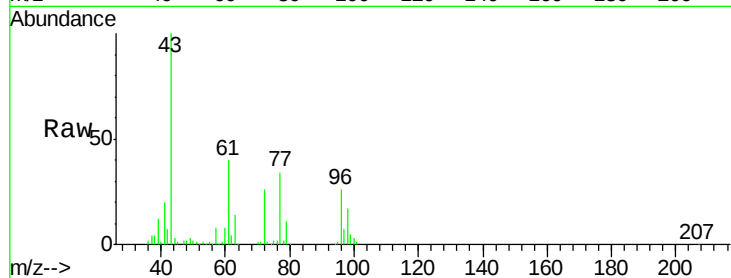




#25
 2-Butanone
 Concen: 232.631 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

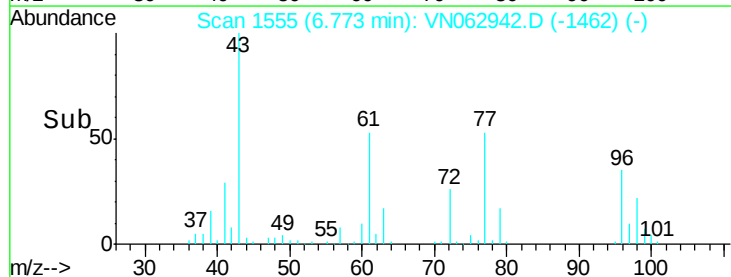
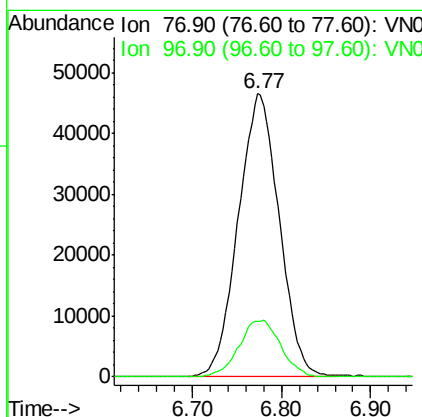
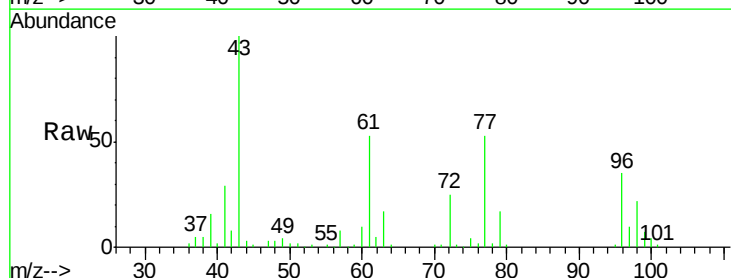
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

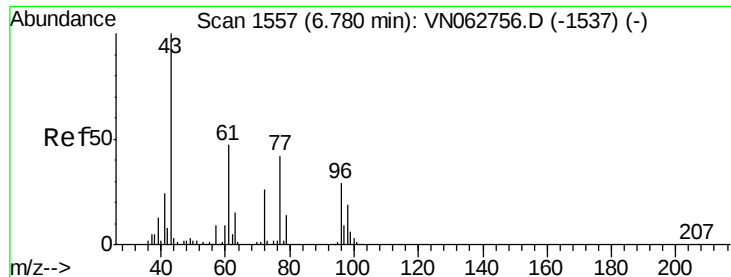
Tgt Ion: 43 Resp: 327481
 Ion Ratio Lower Upper
 43 100
 72 26.2 21.1 31.7



#26
 2,2-Dichloropropane
 Concen: 44.333 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion: 77 Resp: 148469
 Ion Ratio Lower Upper
 77 100
 97 20.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 45.362 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

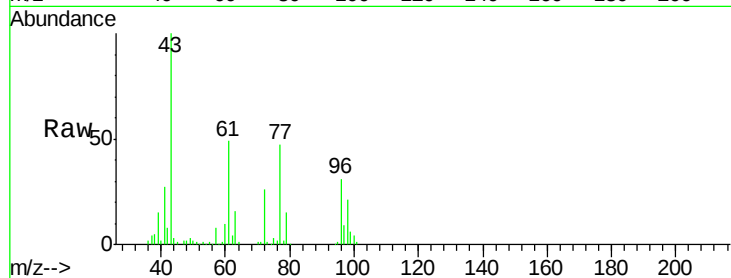
Tgt Ion: 96 Resp: 90580

Ion Ratio Lower Upper

96 100

61 158.5 0.0 332.2

98 65.1 0.0 129.4

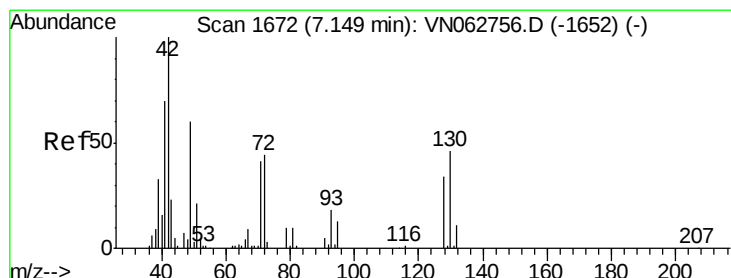
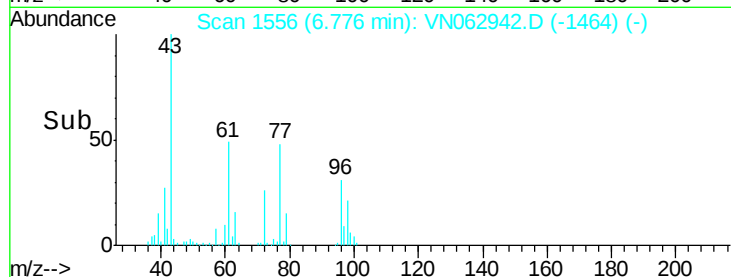


Abundance Ion 95.90 (95.60 to 96.60): VN062942.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062942.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062942.D (-1464) (-)

Time-->



#28

Bromochloromethane

Concen: 48.441 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

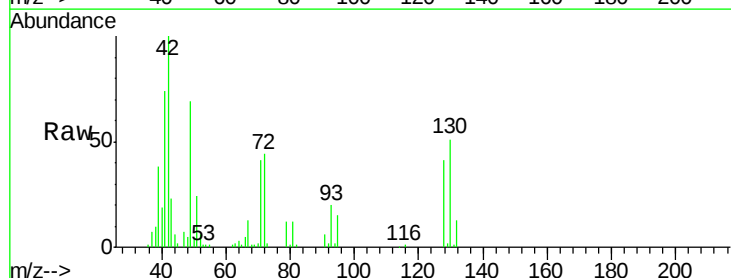
Tgt Ion: 49 Resp: 84937

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 75.7 59.0 88.6

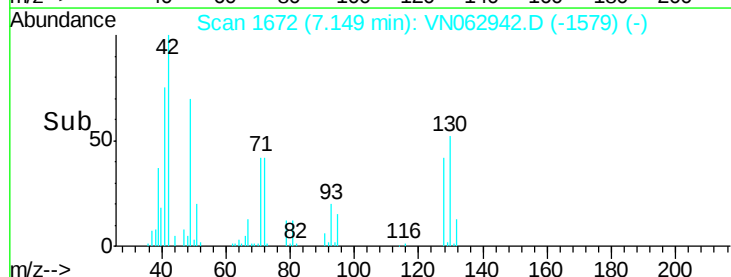


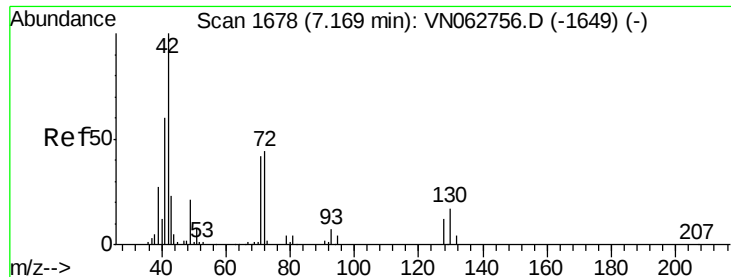
Abundance Ion 48.90 (48.60 to 49.60): VN062942.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062942.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062942.D (-1579) (-)

Time-->

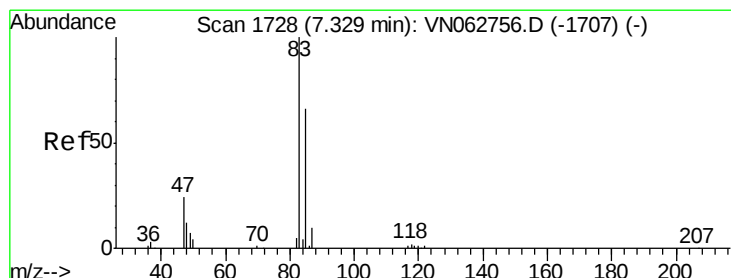
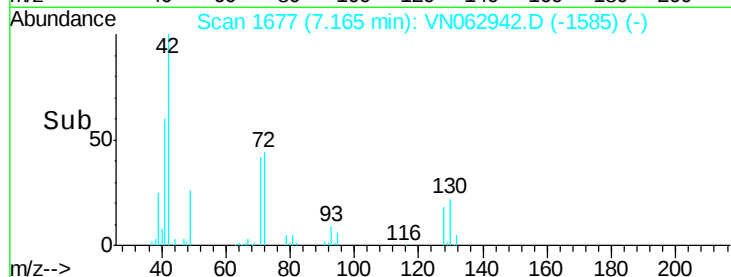
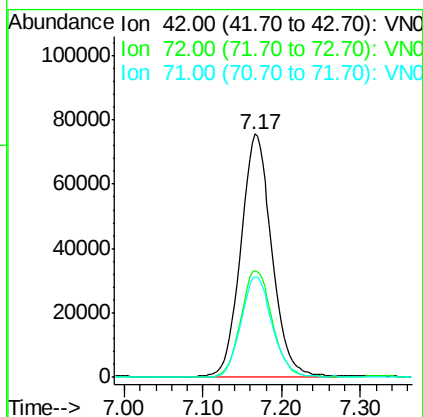
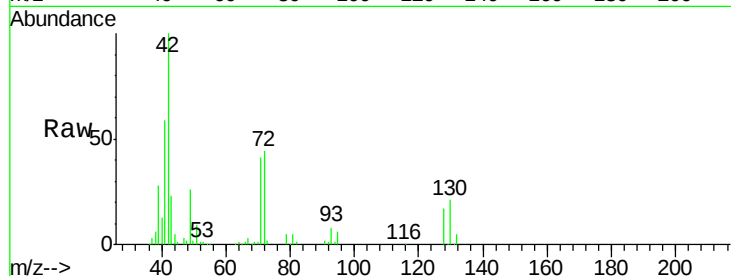




#29
Tetrahydrofuran
Concen: 230.634 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

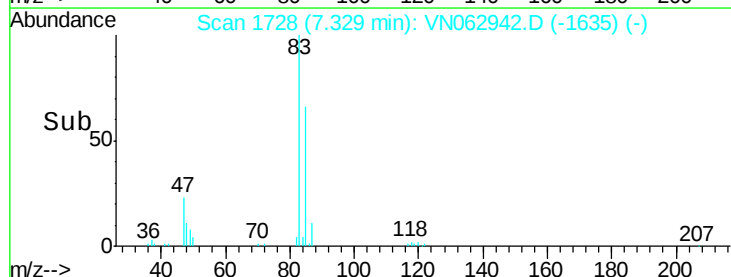
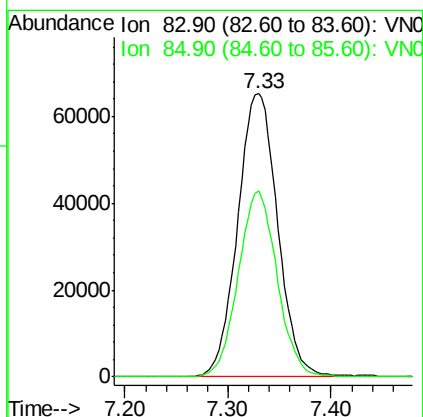
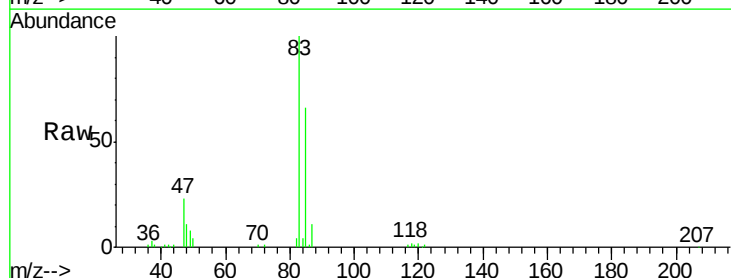
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

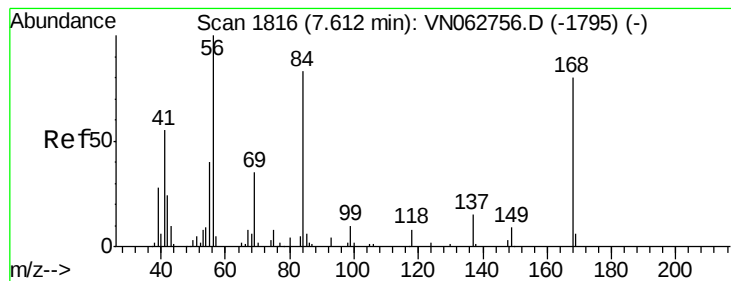
Tgt Ion: 42 Resp: 210927
Ion Ratio Lower Upper
42 100
72 44.4 35.0 52.4
71 41.6 33.2 49.8



#30
Chloroform
Concen: 45.430 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 83 Resp: 175407
Ion Ratio Lower Upper
83 100
85 65.8 52.7 79.1





#31

Cyclohexane

Concen: 42.679 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

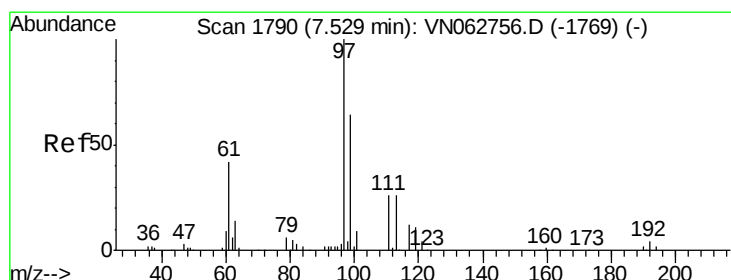
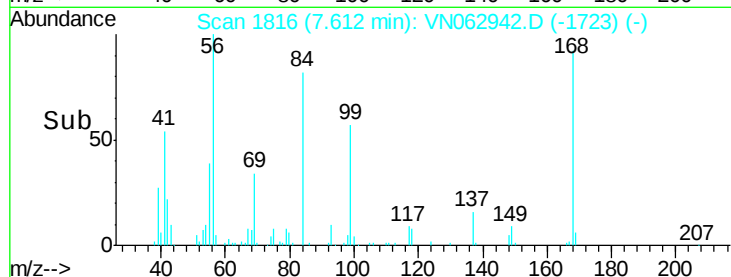
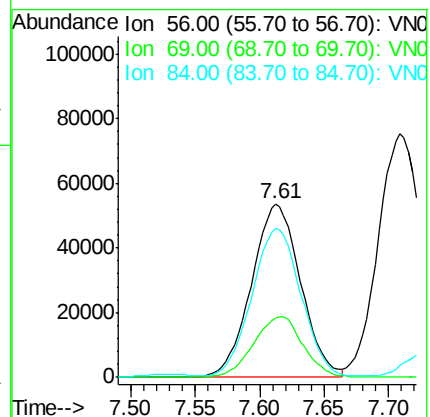
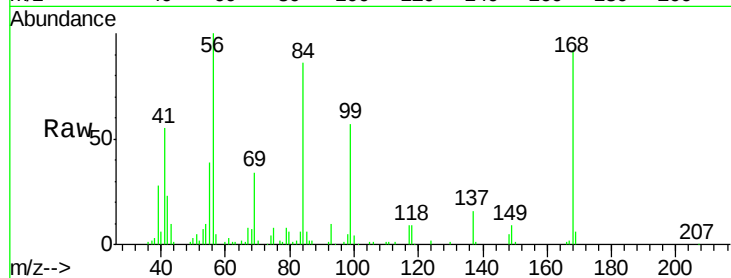
Tgt Ion: 56 Resp: 142335

Ion Ratio Lower Upper

56 100

69 34.1 28.1 42.1

84 84.7 66.8 100.2



#32

1,1,1-Trichloroethane

Concen: 45.047 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

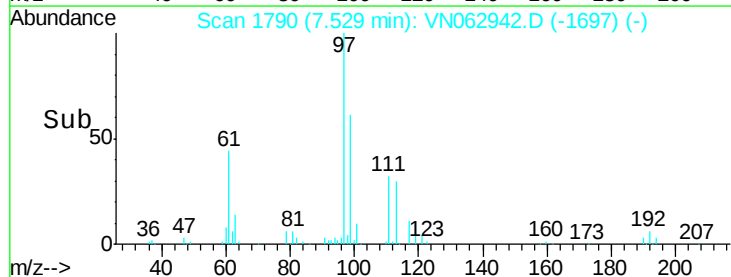
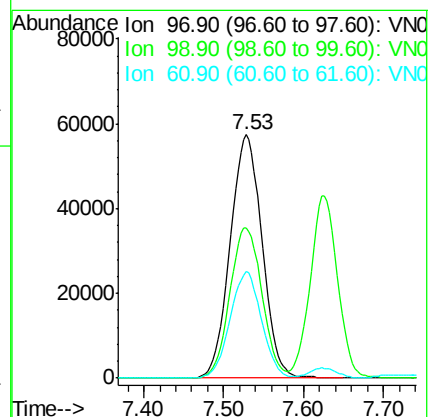
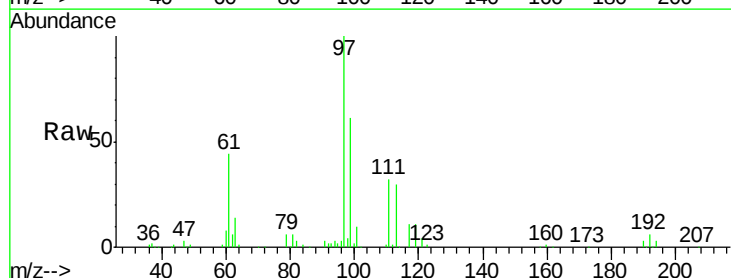
Tgt Ion: 97 Resp: 155505

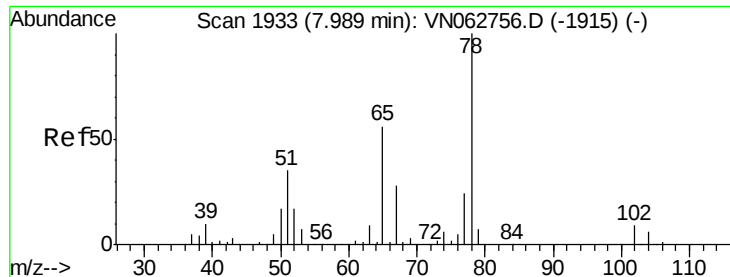
Ion Ratio Lower Upper

97 100

99 62.3 50.0 75.0

61 43.1 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 47.483 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

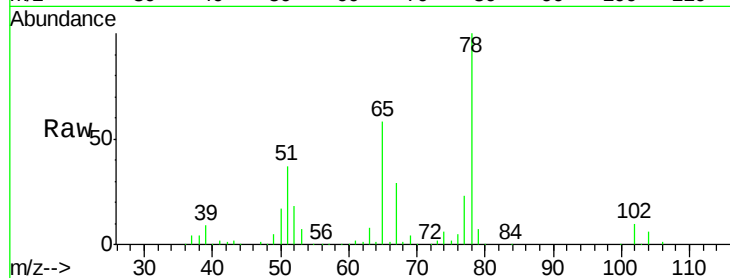
VSTDCCC050

Tgt Ion: 65 Resp: 130612

Ion Ratio Lower Upper

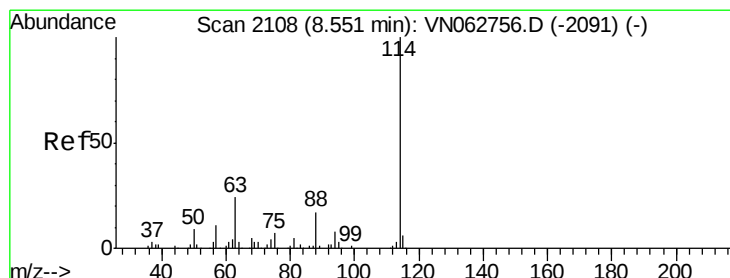
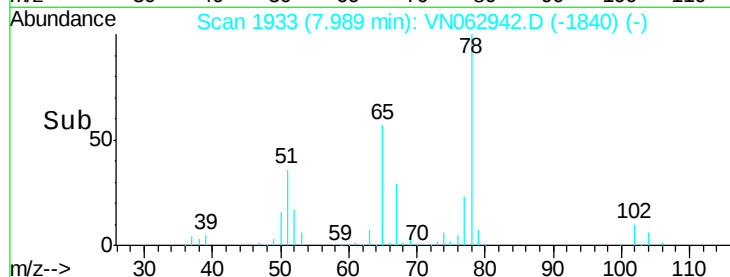
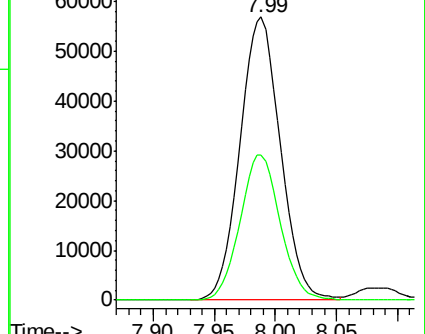
65 100

67 50.9 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062756.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062756.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

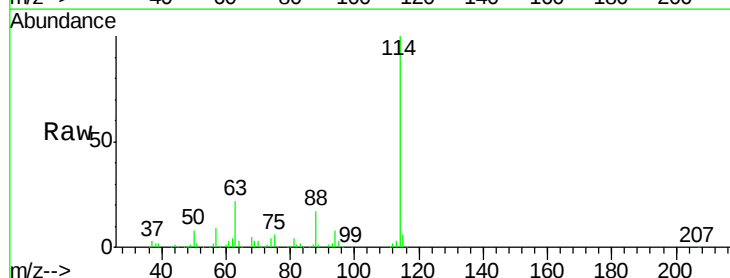
Tgt Ion: 114 Resp: 255395

Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.6

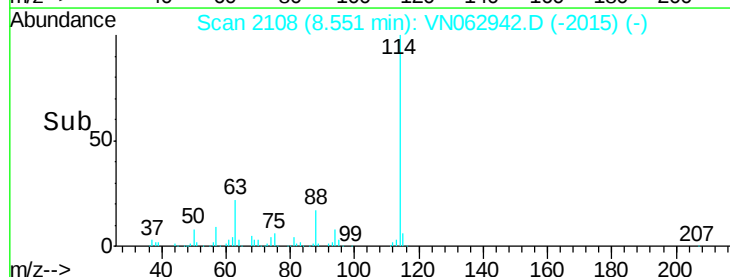
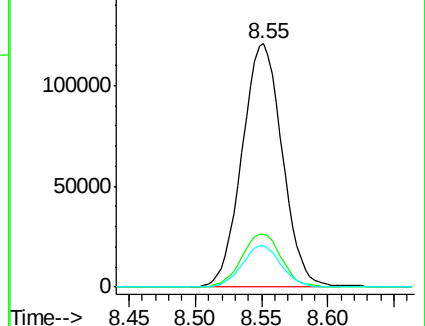
88 17.1 0.0 34.4

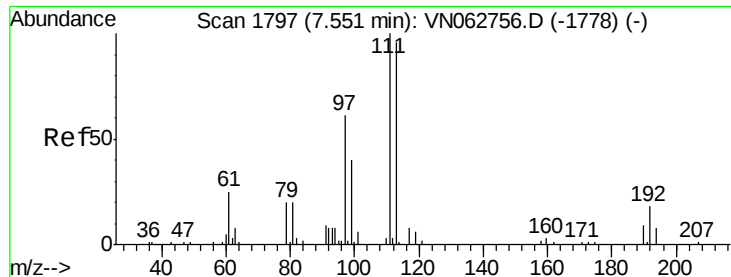


Abundance Ion 113.90 (113.60 to 114.60): VN062756.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062756.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062756.D (-2091) (-)

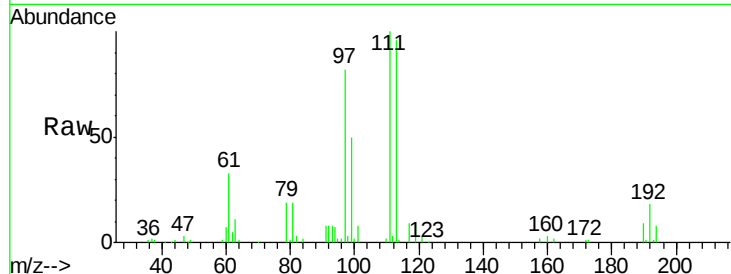




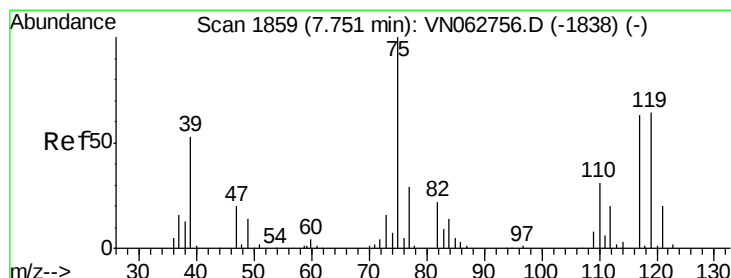
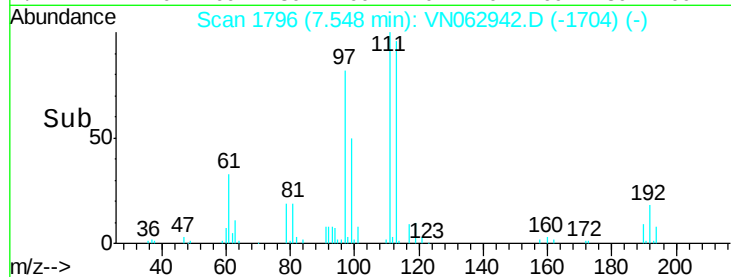
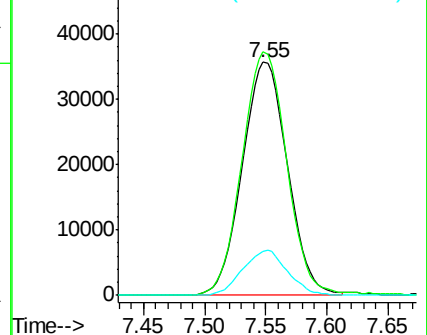
#35
 Dibromofluoromethane
 Concen: 52.385 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 91519
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 19.0 15.0 22.4

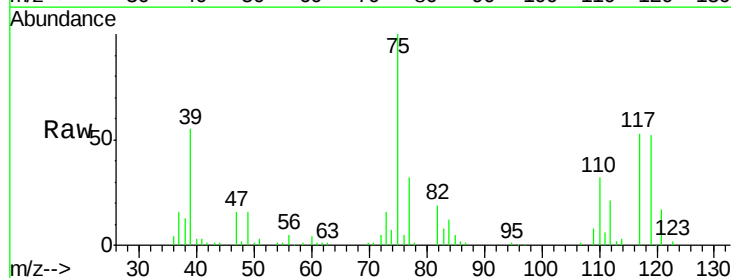


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

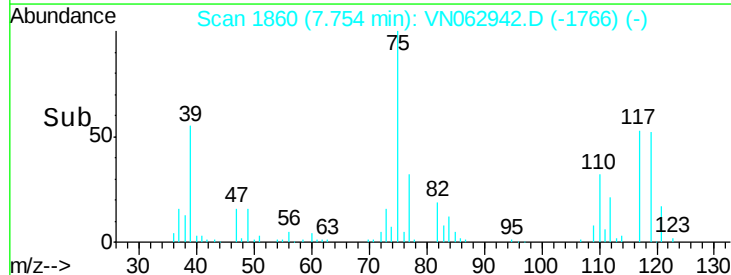
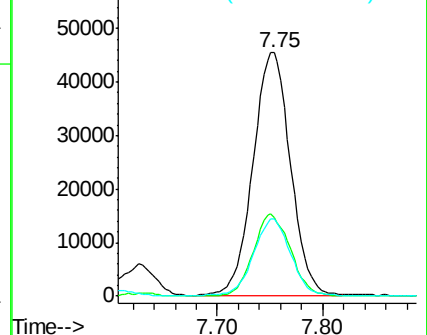


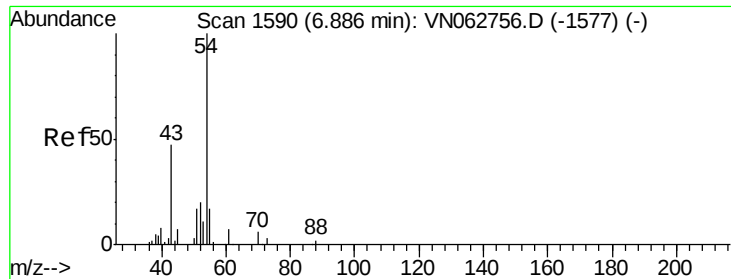
#36
 1,1-Dichloropropene
 Concen: 45.055 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion: 75 Resp: 112043
 Ion Ratio Lower Upper
 75 100
 110 33.4 15.6 46.7
 77 31.7 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

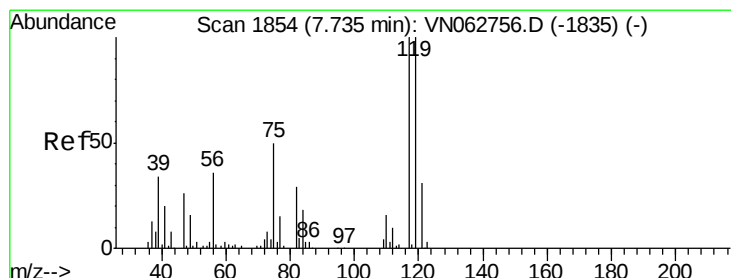
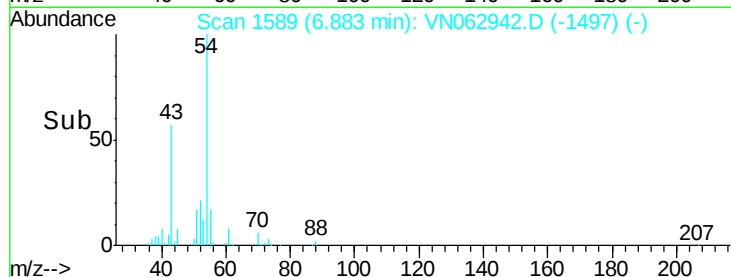
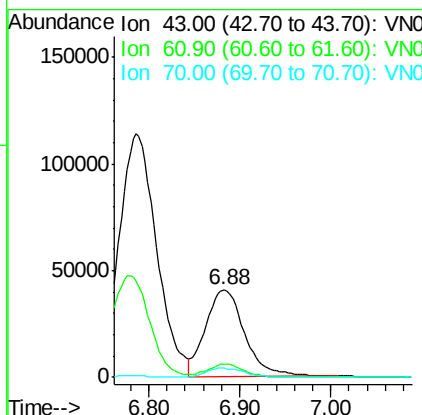
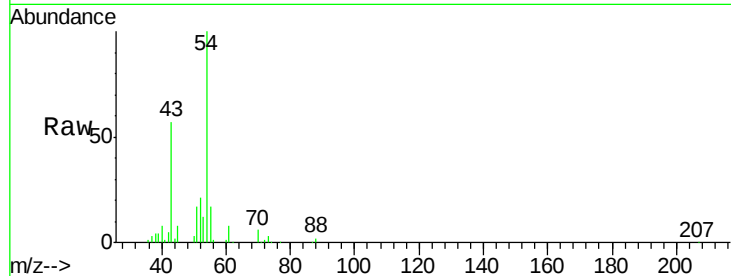




#37
Ethyl Acetate
Concen: 47.086 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

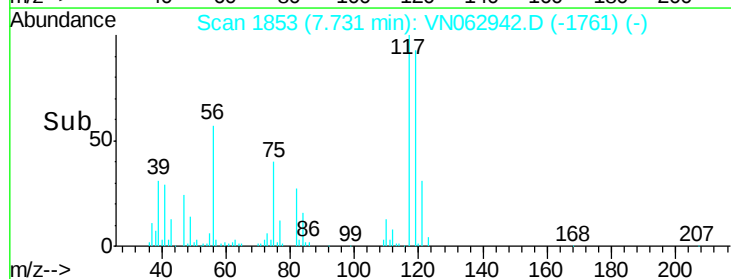
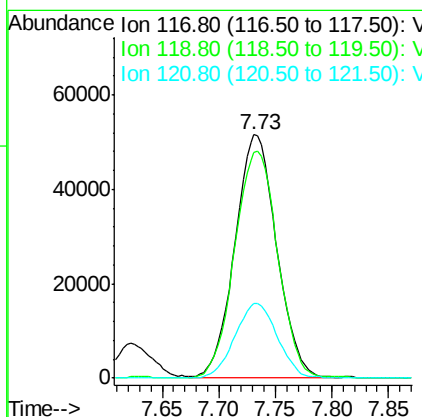
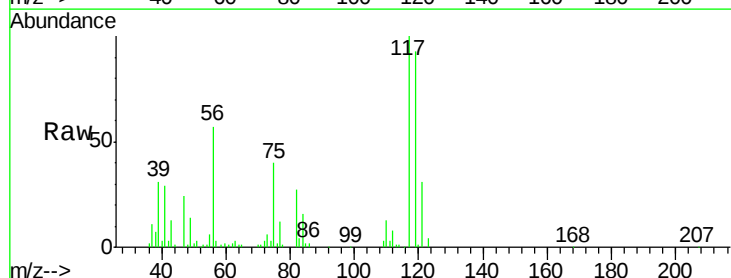
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

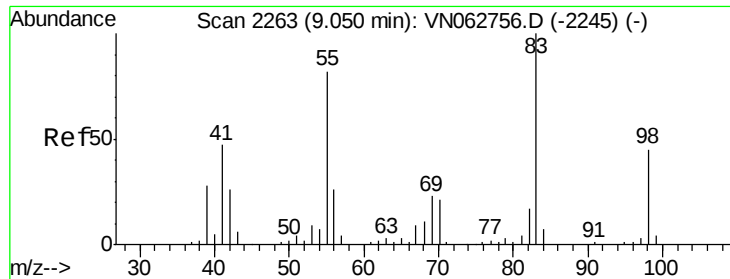
Tgt Ion: 43 Resp: 122317
Ion Ratio Lower Upper
43 100
61 14.2 12.1 18.1
70 10.0 8.3 12.5



#38
Carbon Tetrachloride
Concen: 44.751 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 117 Resp: 131620
Ion Ratio Lower Upper
117 100
119 93.0 79.4 119.2
121 30.8 24.9 37.3

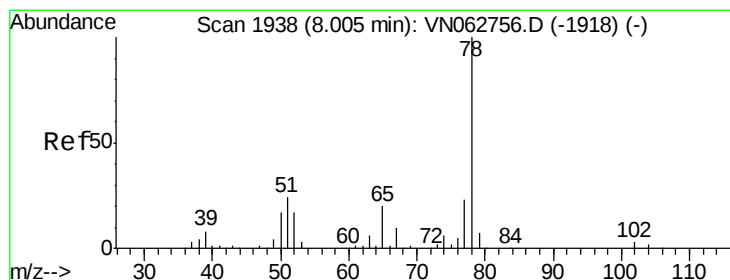
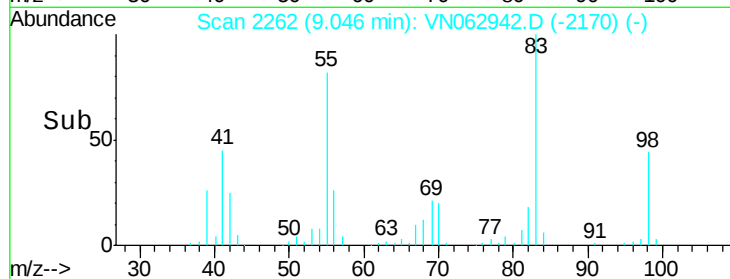
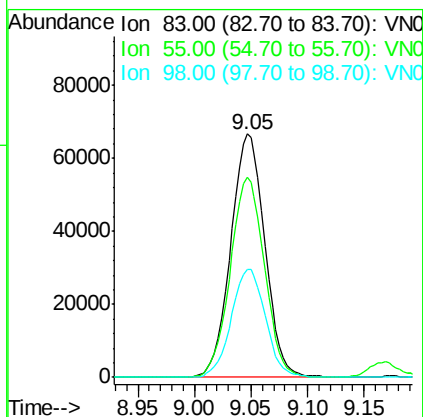
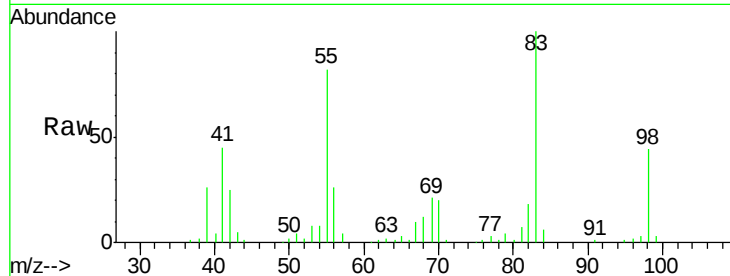




#39
Methylcyclohexane
Concen: 46.735 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

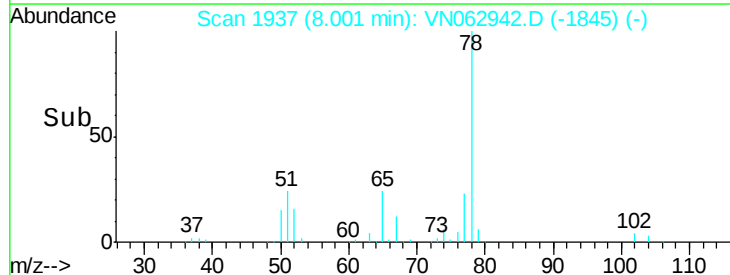
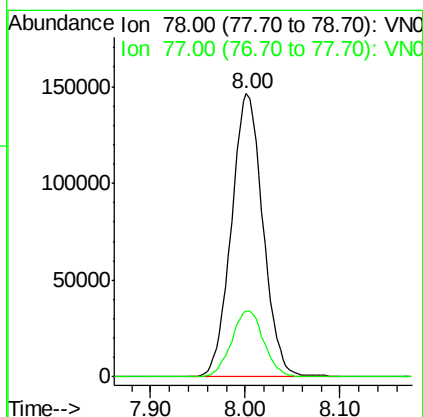
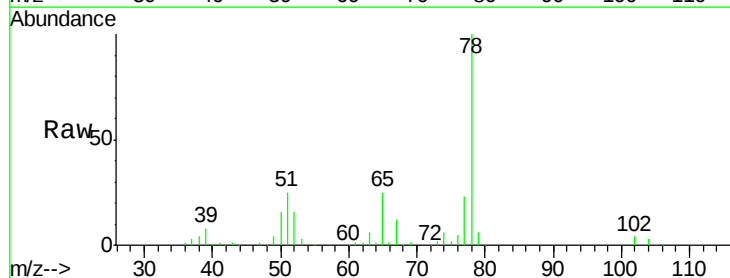
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

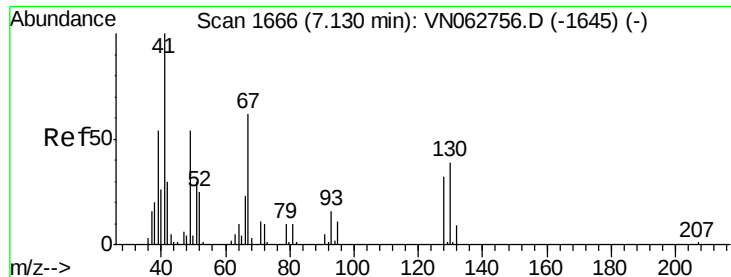
Tgt Ion: 83 Resp: 139865
Ion Ratio Lower Upper
83 100
55 82.3 65.7 98.5
98 44.4 35.6 53.4



#40
Benzene
Concen: 45.803 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 78 Resp: 339888
Ion Ratio Lower Upper
78 100
77 23.4 18.1 27.1

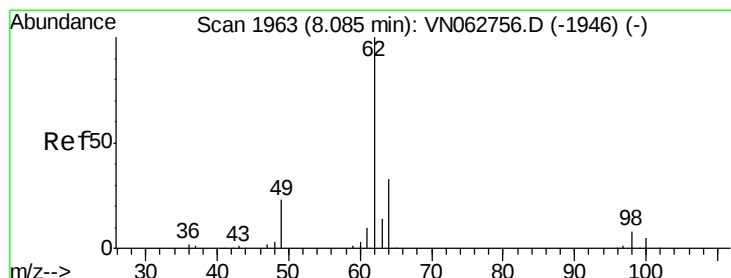
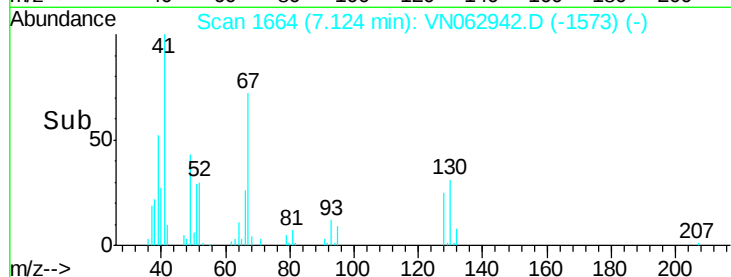
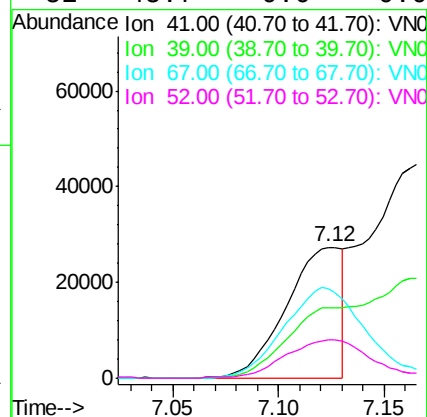
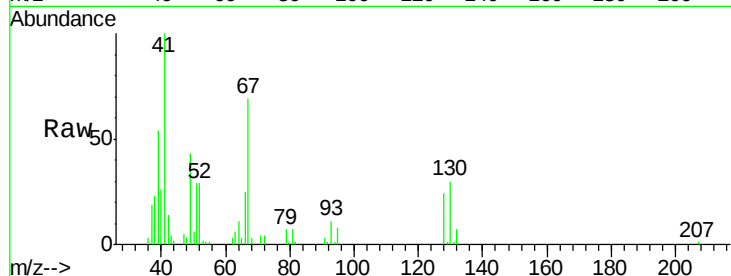




#41
Methacrylonitrile
Concen: 43.086 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

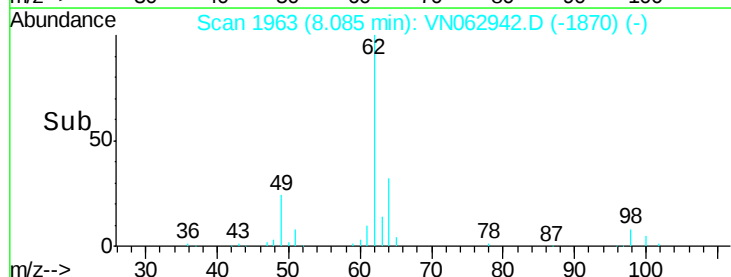
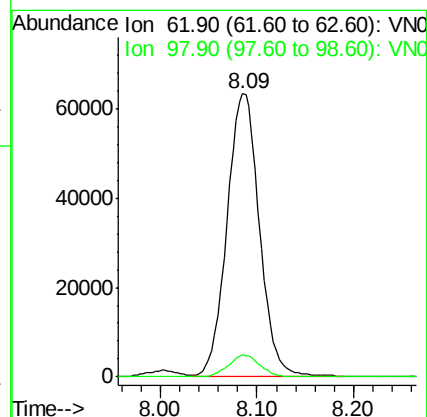
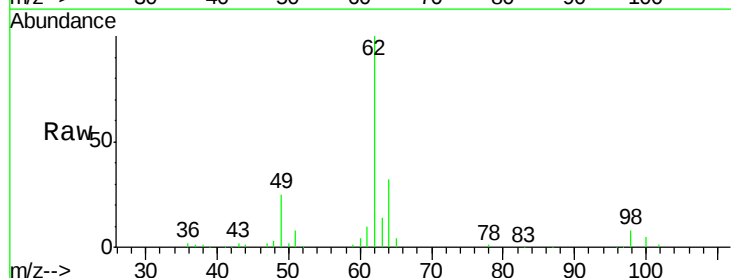
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

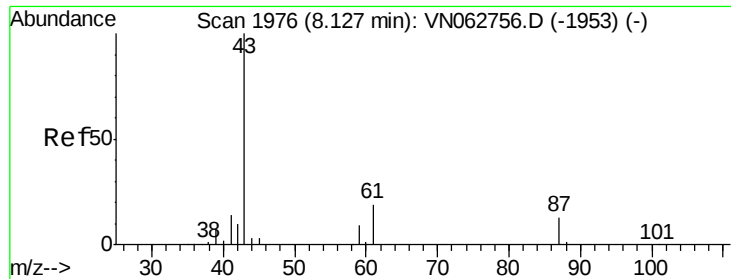
Tgt Ion: 41 Resp: 50505
Ion Ratio Lower Upper
41 100
39 0.0 69.4 104.2#
67 102.5 0.0 0.0#
52 45.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 46.530 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 62 Resp: 146961
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.8

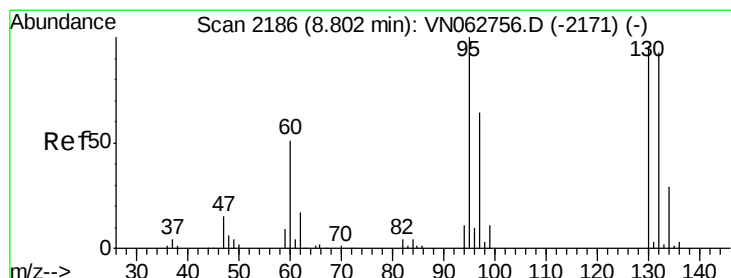
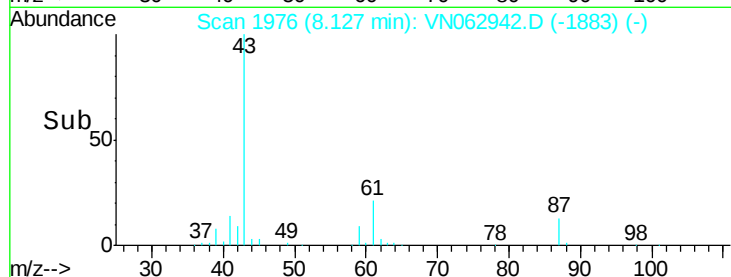
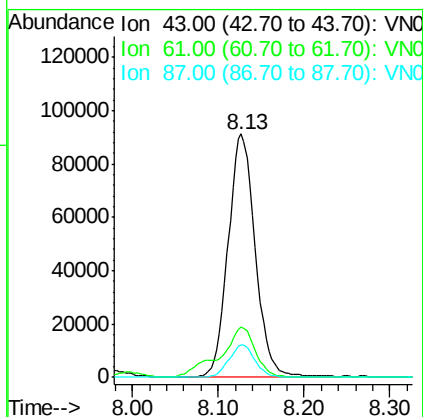
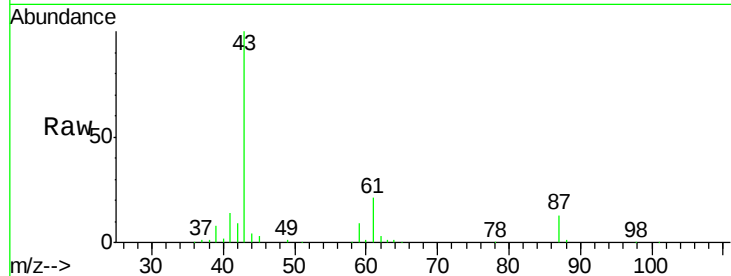




#43
Isopropyl Acetate
Concen: 45.842 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

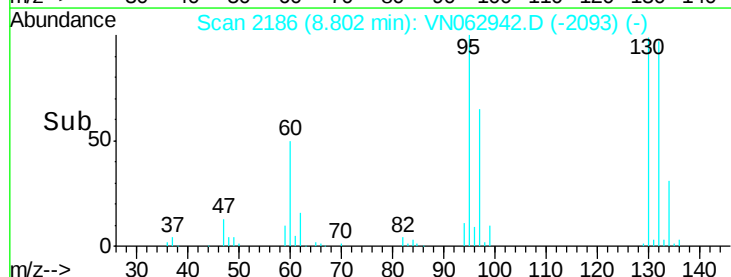
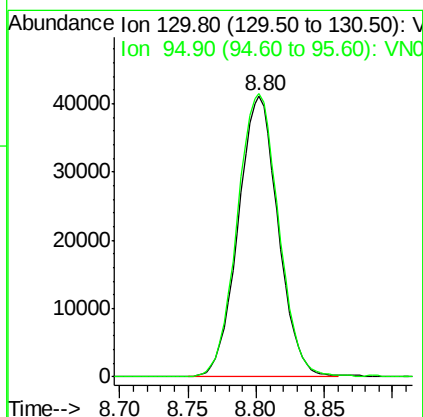
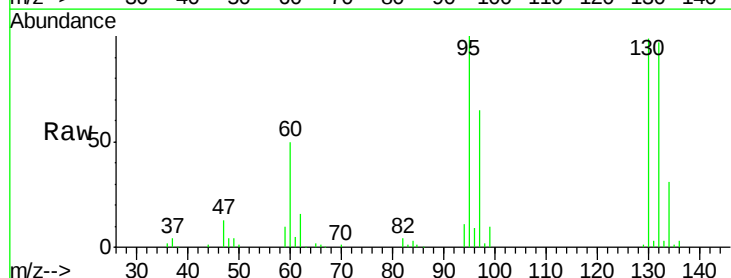
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

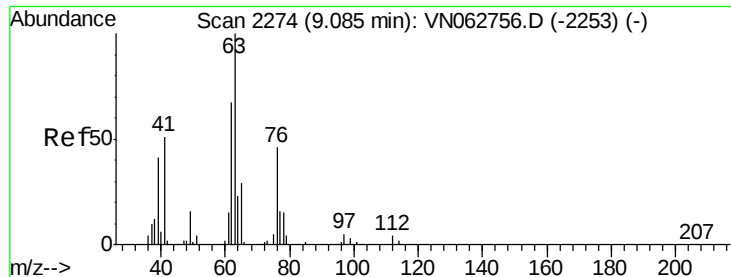
Tgt Ion: 43 Resp: 198631
Ion Ratio Lower Upper
43 100
61 20.7 15.8 23.6
87 13.0 9.9 14.9



#44
Trichloroethene
Concen: 46.242 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 130 Resp: 83602
Ion Ratio Lower Upper
130 100
95 100.6 0.0 207.6





#45

1,2-Dichloropropane

Concen: 48.920 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

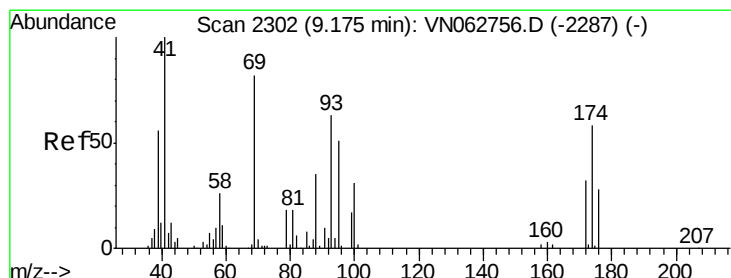
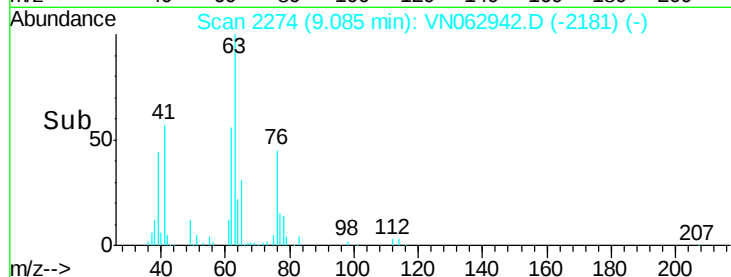
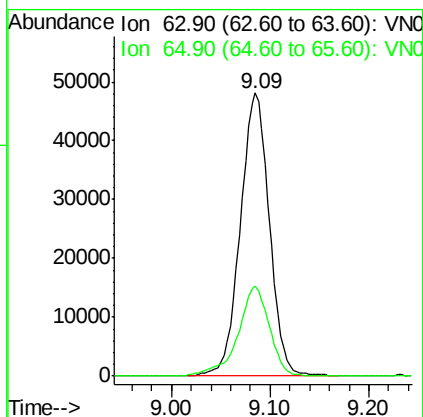
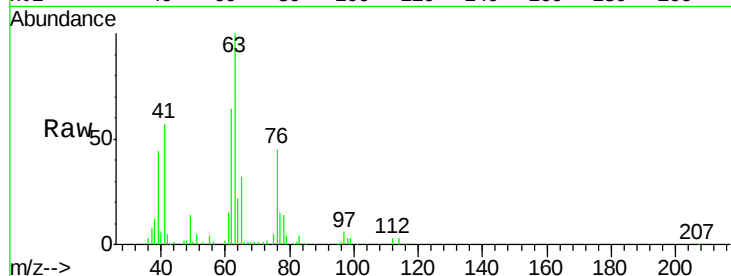
VSTDCCC050

Tgt Ion: 63 Resp: 98251

Ion Ratio Lower Upper

63 100

65 31.7 23.5 35.3



#46

Dibromomethane

Concen: 48.419 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

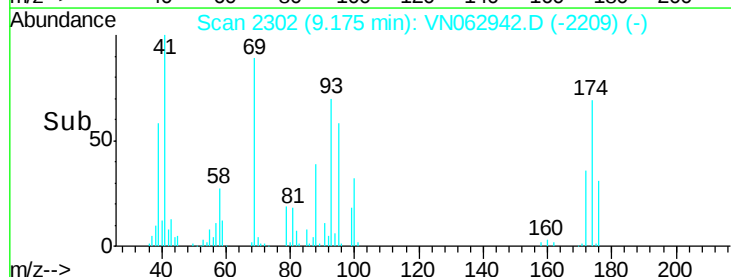
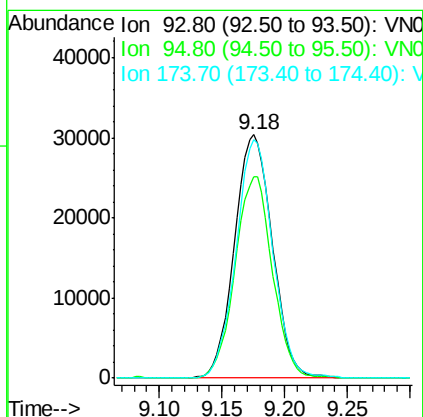
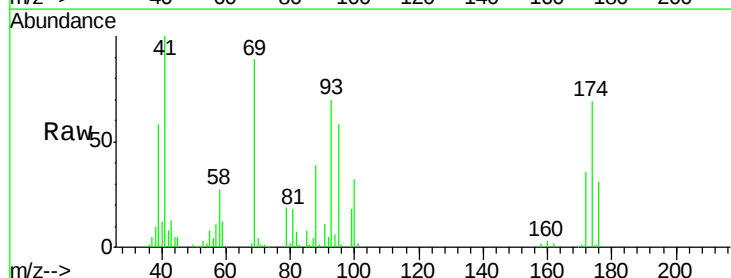
Tgt Ion: 93 Resp: 63716

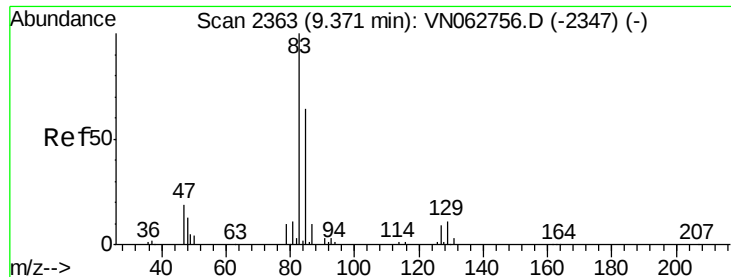
Ion Ratio Lower Upper

93 100

95 81.8 65.1 97.7

174 95.3 73.9 110.9





#47

Bromodichloromethane

Concen: 49.409 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

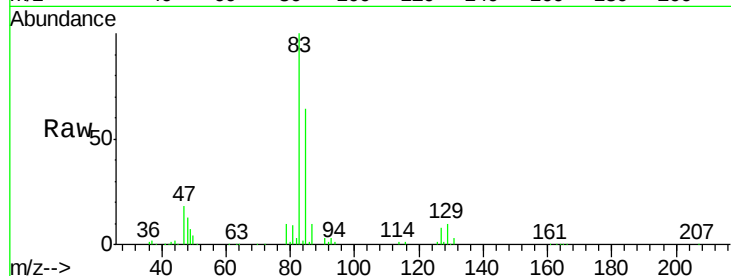
Tgt Ion: 83 Resp: 146030

Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.0

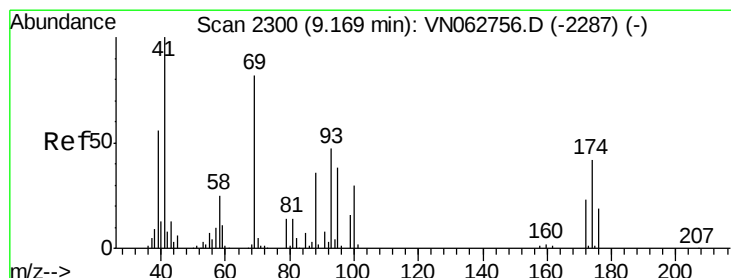
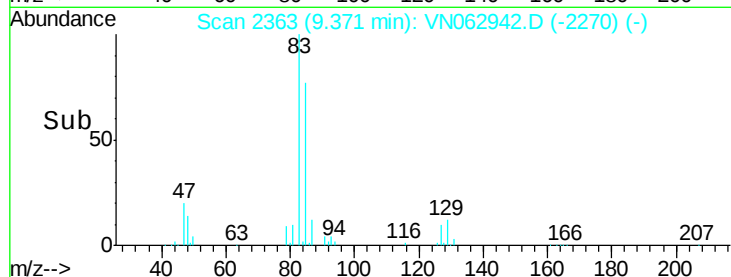
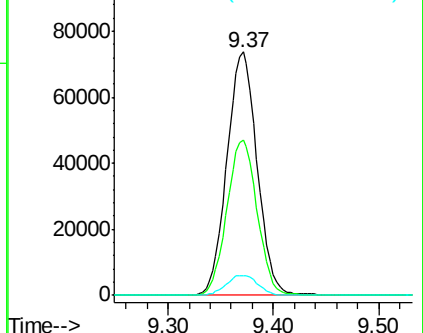
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062942.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062942.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062942.D (-2270) (-)



#48

Methyl methacrylate

Concen: 46.252 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

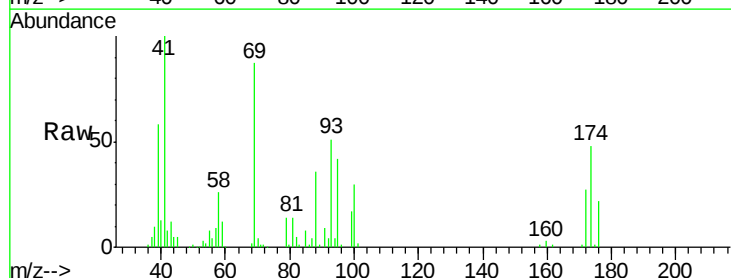
Tgt Ion: 41 Resp: 98573

Ion Ratio Lower Upper

41 100

69 88.3 67.4 101.2

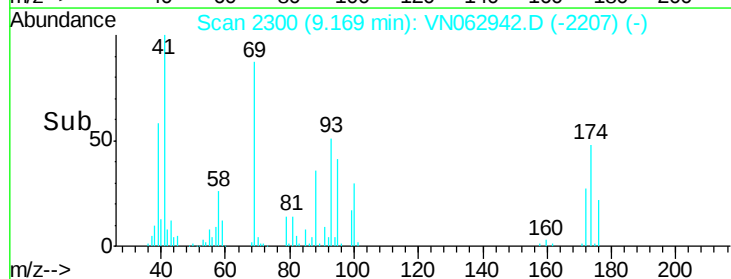
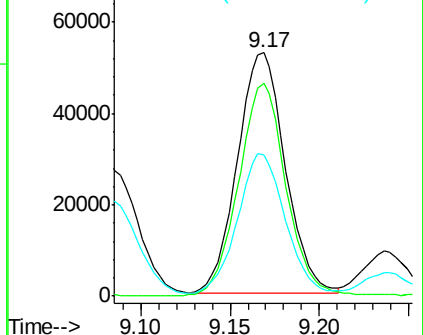
39 59.5 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN062942.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062942.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062942.D (-2207) (-)

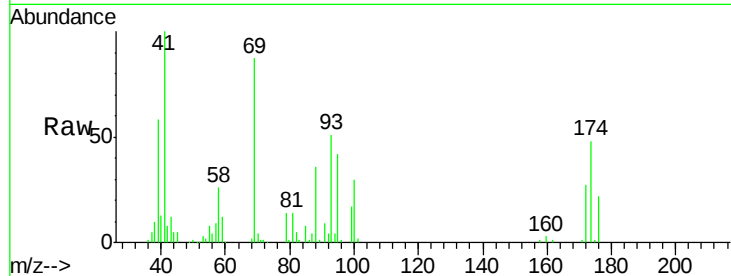




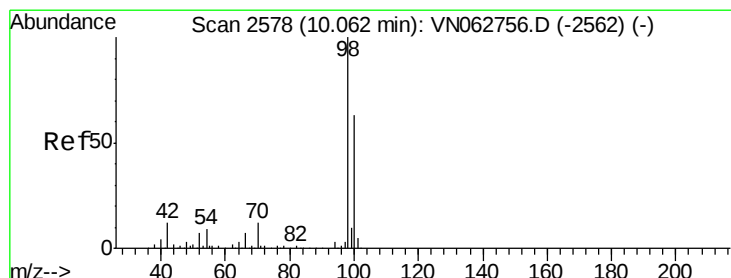
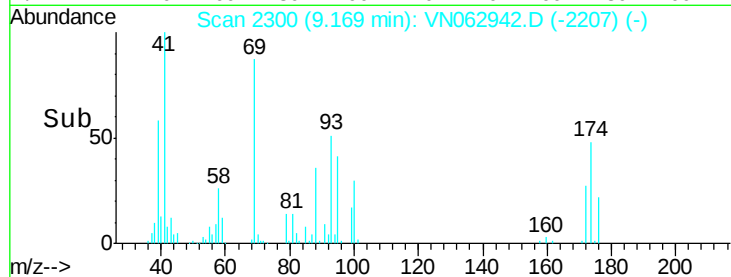
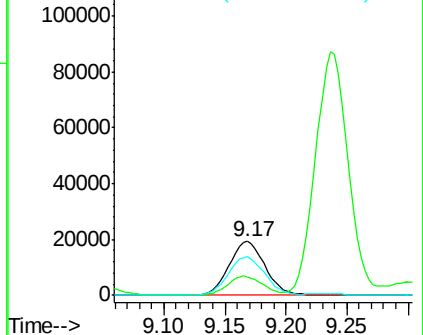
#49
1,4-Dioxane
Concen: 1008.839 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 39839
Ion Ratio Lower Upper
88 100
43 35.0 29.5 44.3
58 72.1 59.8 89.8

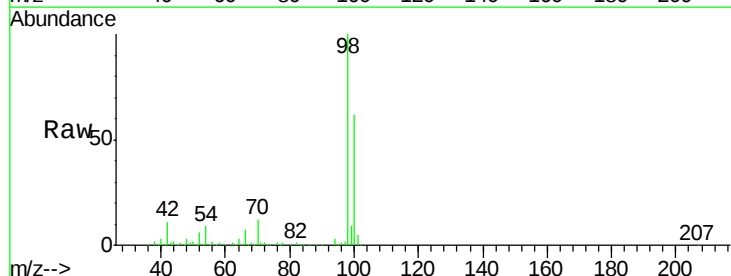


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

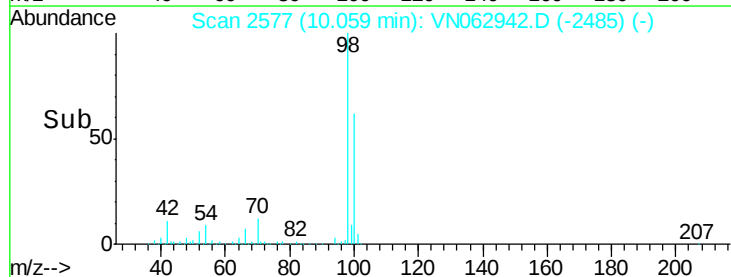
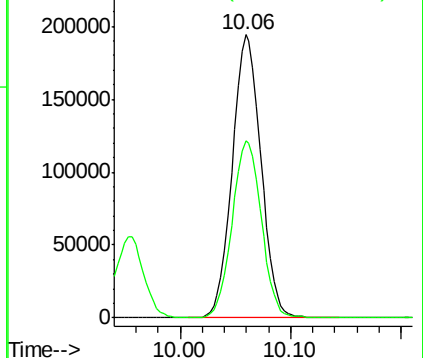


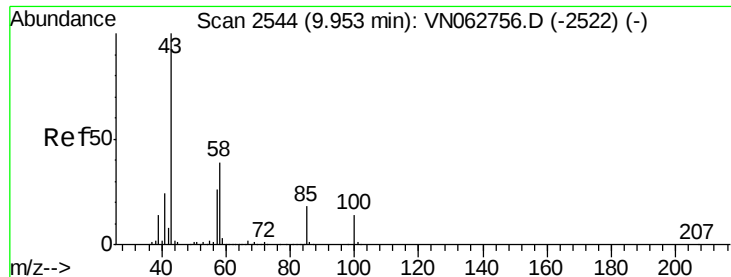
#50
Toluene-d8
Concen: 51.404 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 98 Resp: 350605
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

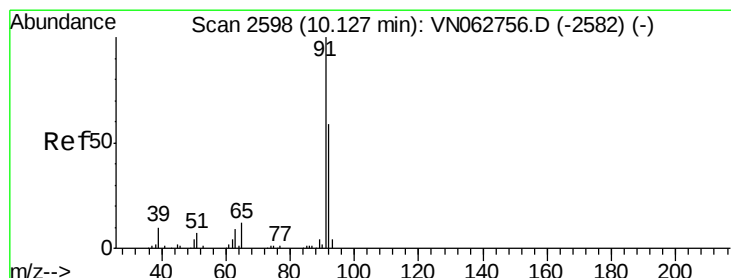
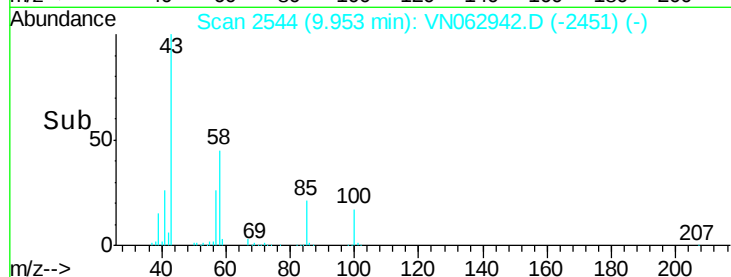
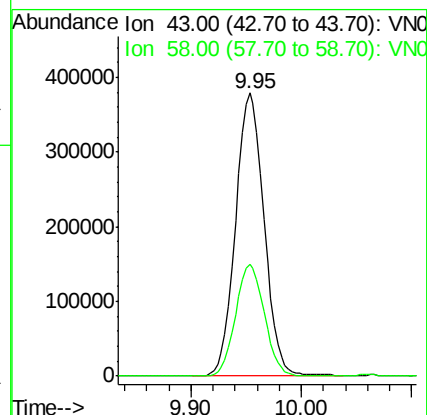
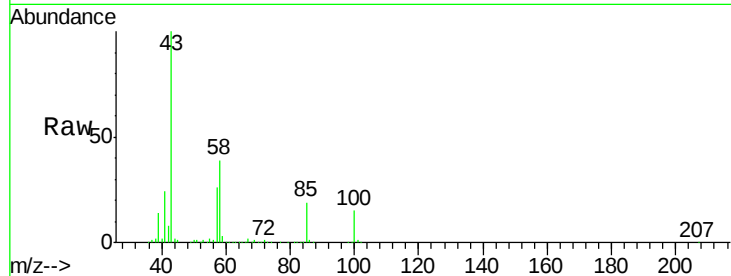




#51
 4-Methyl-2-Pentanone
 Concen: 242.357 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

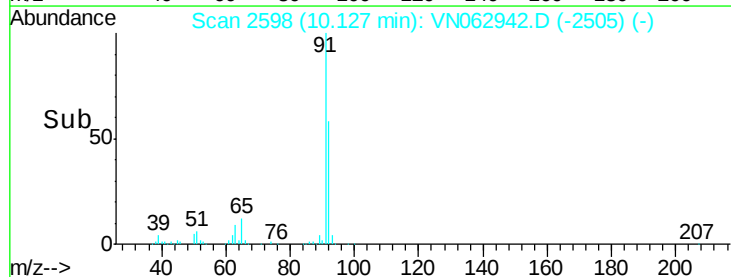
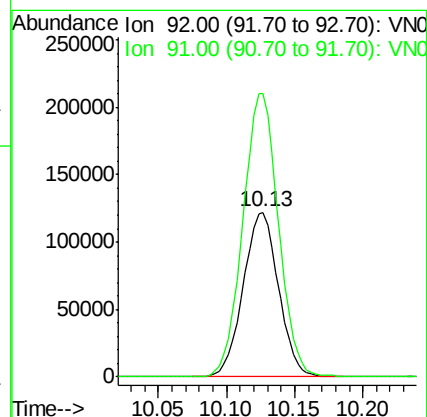
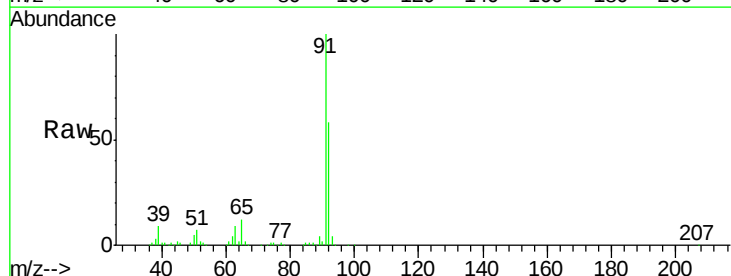
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

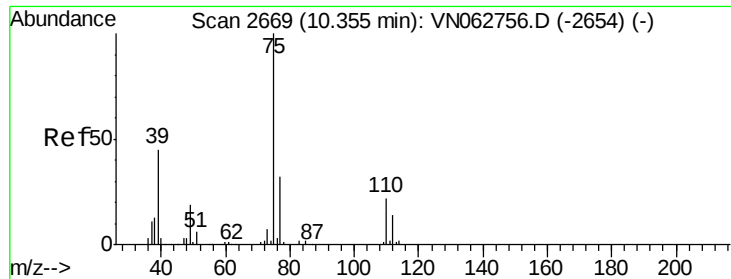
Tgt Ion: 43 Resp: 679437
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.1 46.7



#52
 Toluene
 Concen: 47.913 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion: 92 Resp: 219522
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 47.897 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

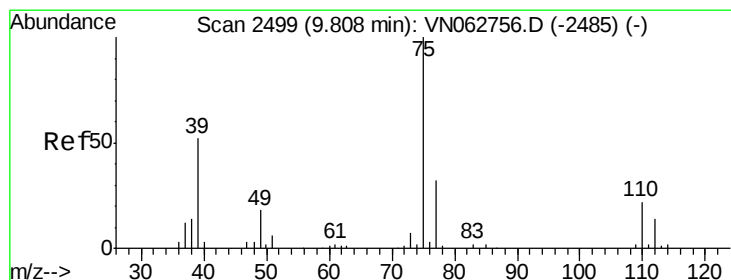
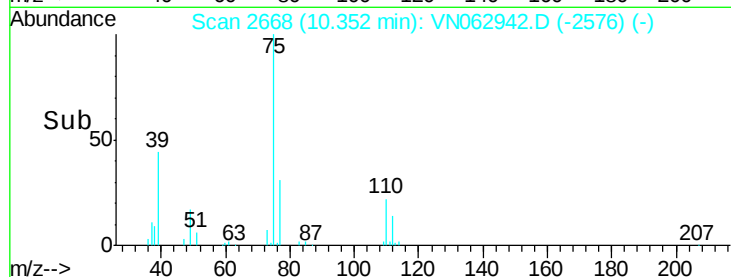
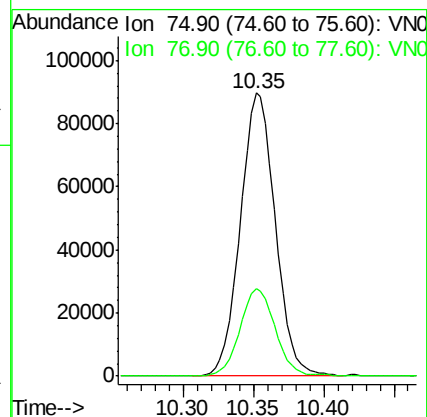
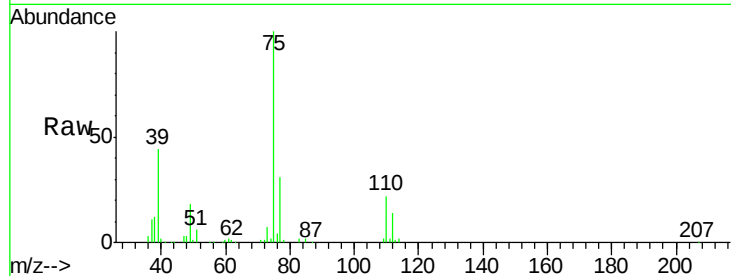
VSTDCCC050

Tgt Ion: 75 Resp: 155712

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.558 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

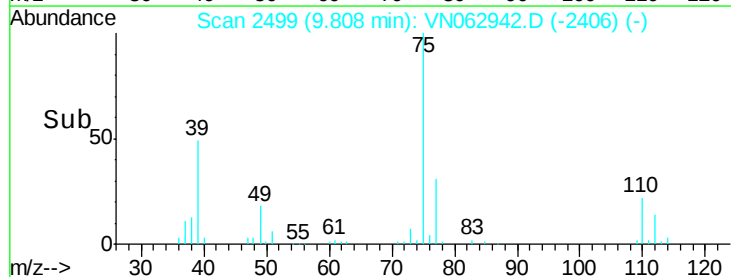
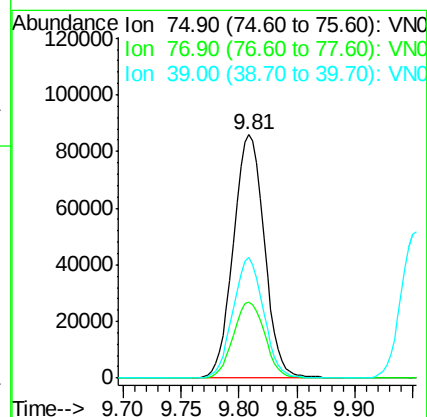
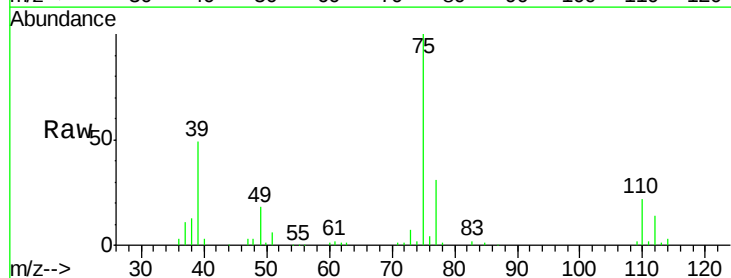
Tgt Ion: 75 Resp: 158495

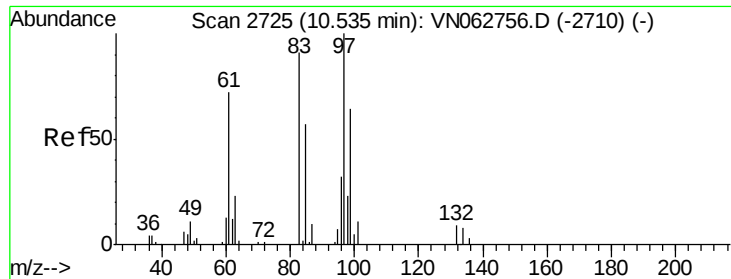
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 49.4 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 48.013 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 93952

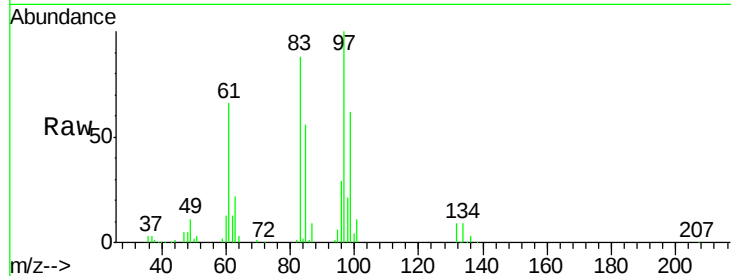
Ion Ratio Lower Upper

97 100

83 88.2 72.6 108.8

85 56.3 46.0 69.0

99 61.8 51.1 76.7

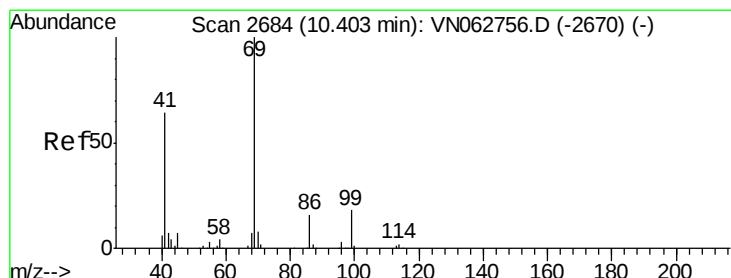
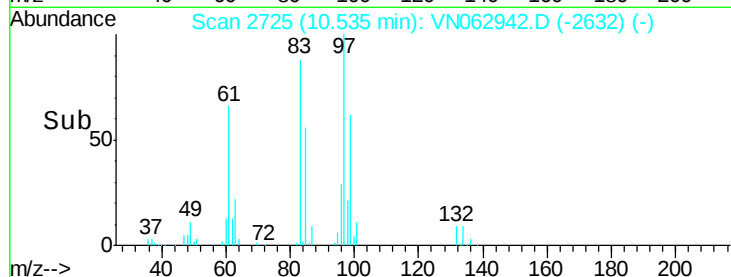
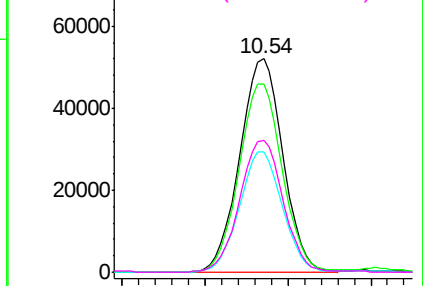


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.957 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

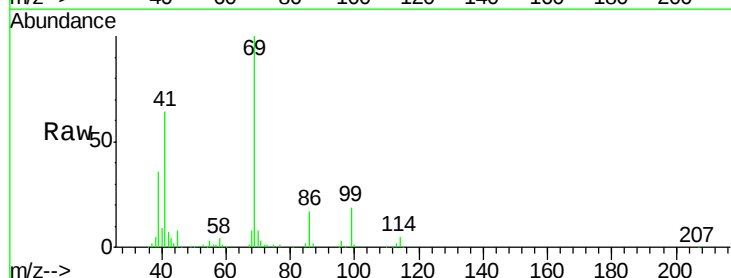
Tgt Ion: 69 Resp: 147142

Ion Ratio Lower Upper

69 100

41 64.1 52.2 78.2

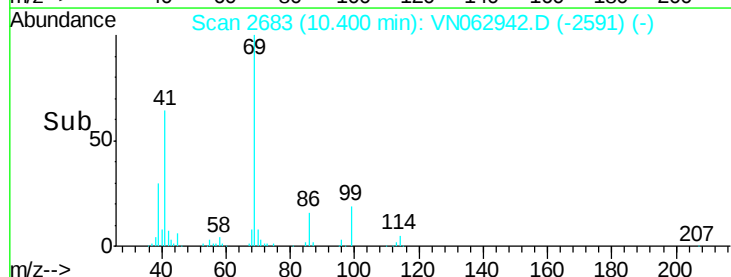
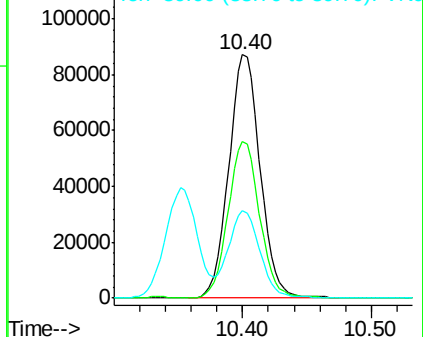
39 35.7 30.9 46.3

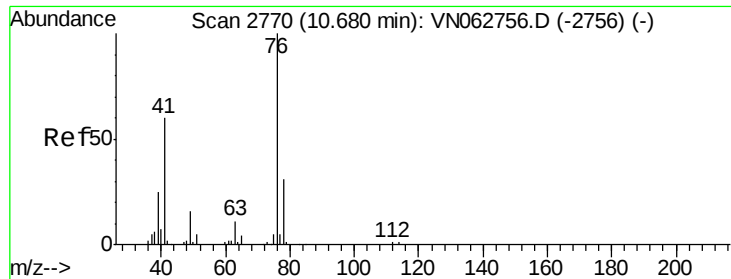


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

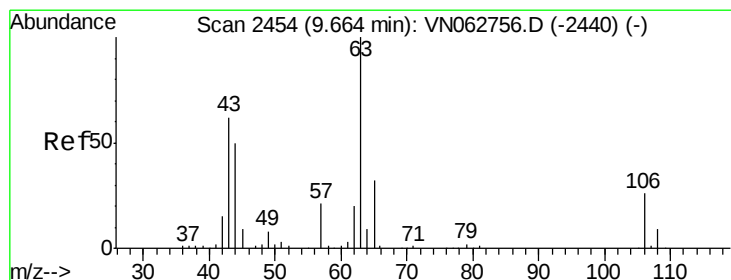
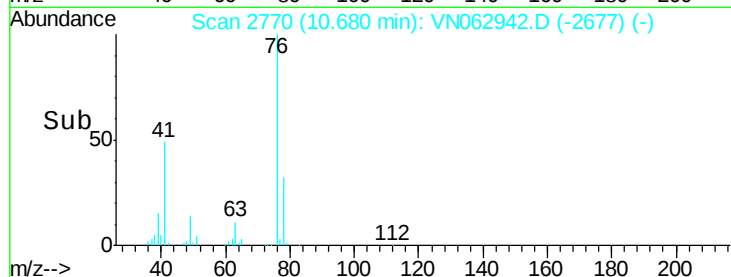
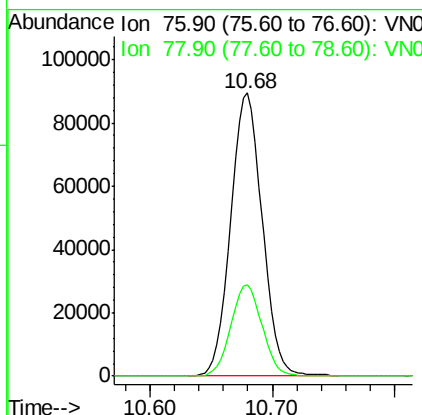
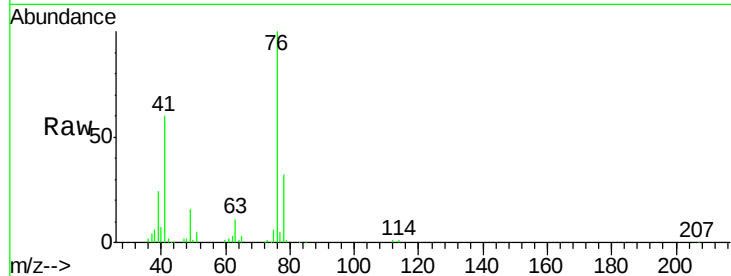




#57
 1,3-Dichloropropane
 Concen: 48.396 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

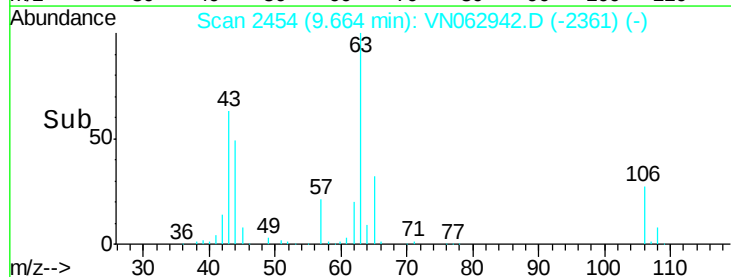
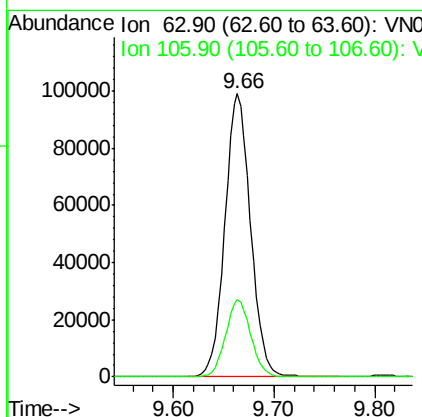
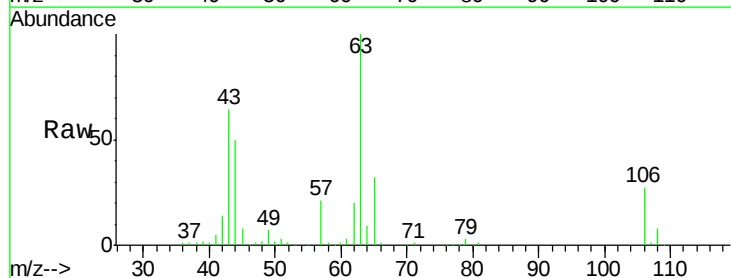
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

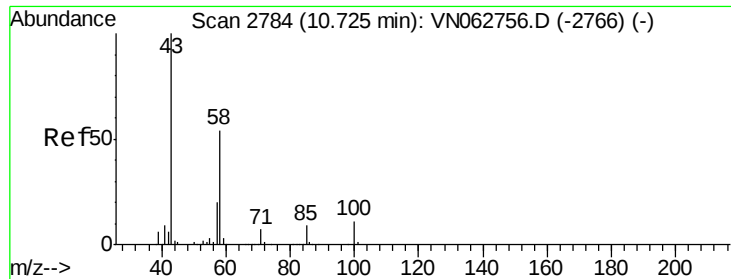
Tgt Ion: 76 Resp: 160912
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 211.154 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion: 63 Resp: 175798
 Ion Ratio Lower Upper
 63 100
 106 26.8 20.9 31.3

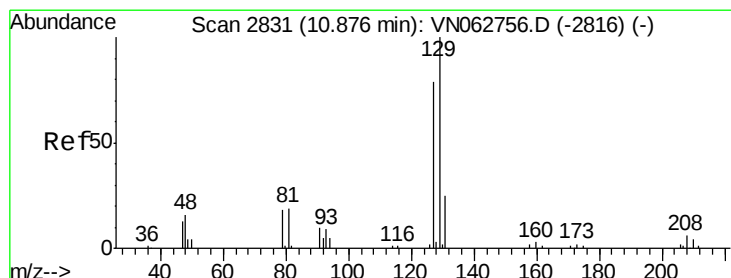
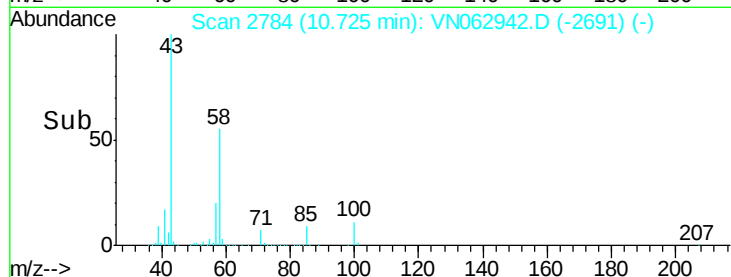
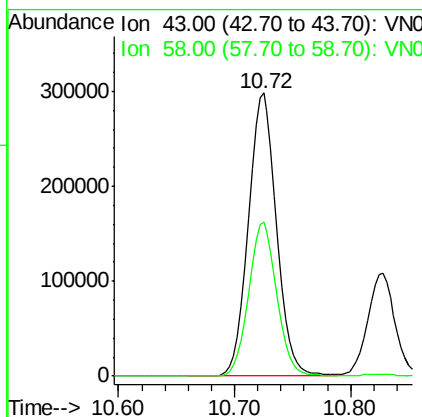
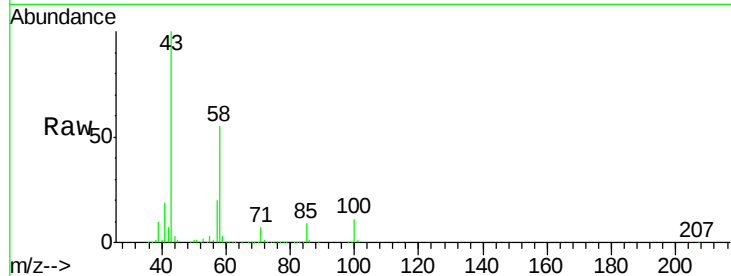




#59
2-Hexanone
Concen: 241.885 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

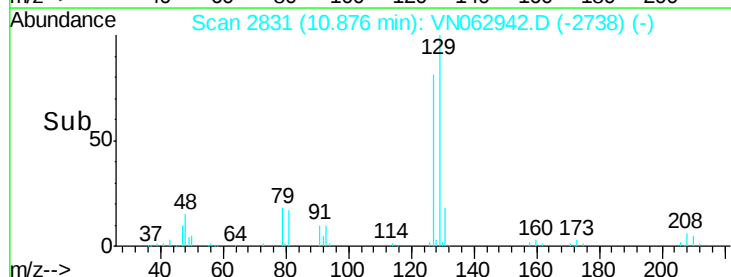
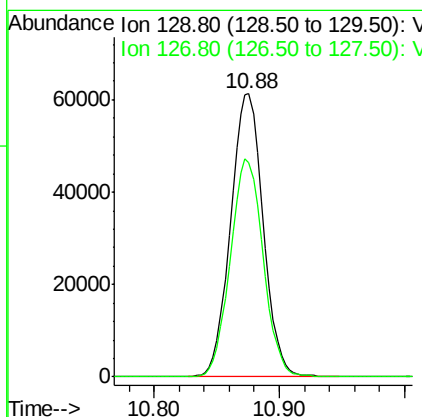
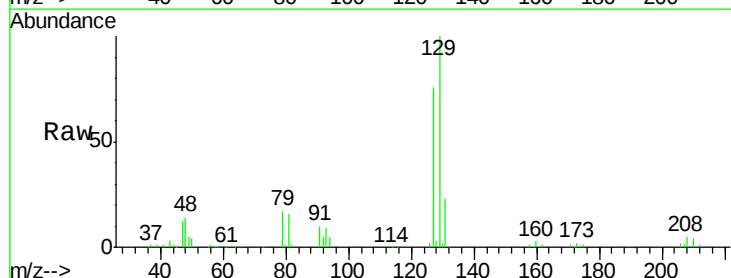
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

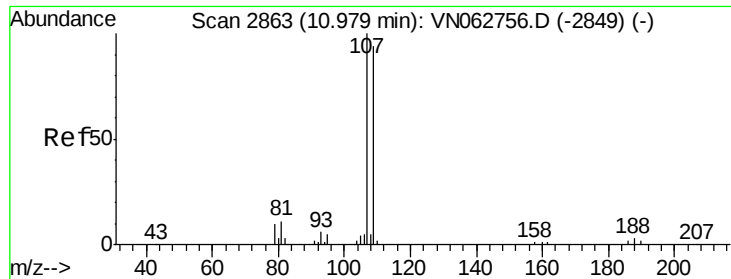
Tgt Ion: 43 Resp: 505834
Ion Ratio Lower Upper
43 100
58 54.3 26.7 80.1



#60
Dibromochloromethane
Concen: 49.569 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 129 Resp: 110692
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

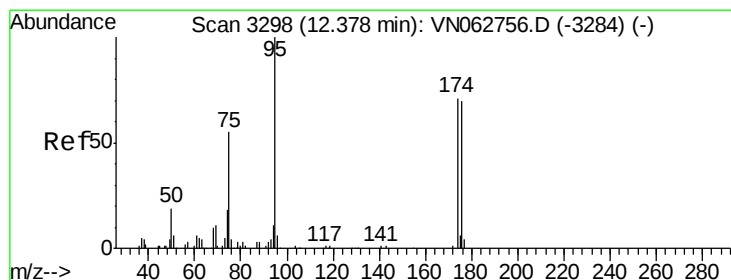
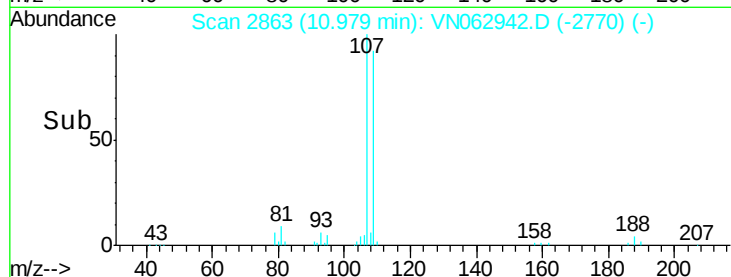
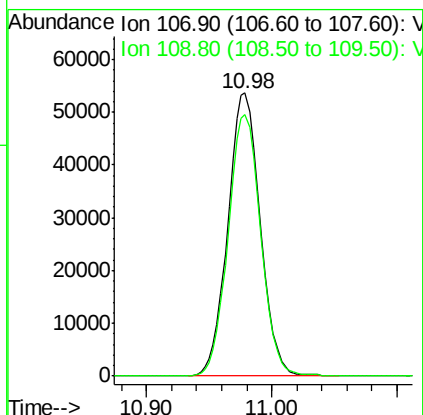
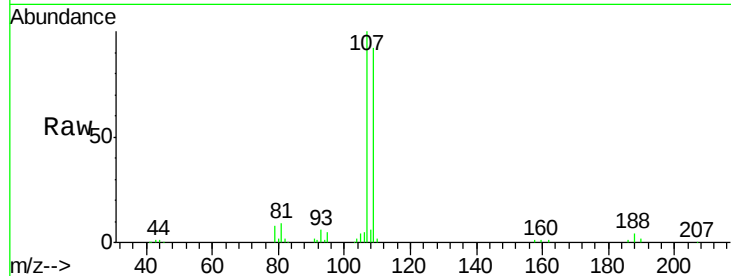




#61
 1,2-Dibromoethane
 Concen: 49.775 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

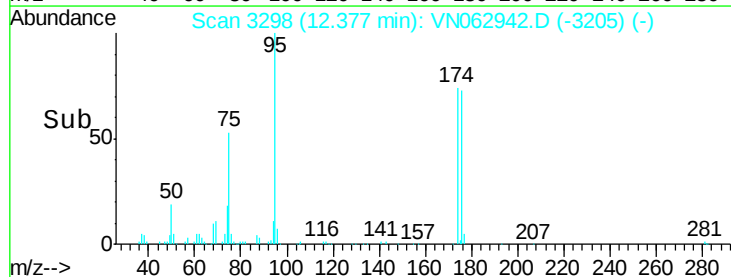
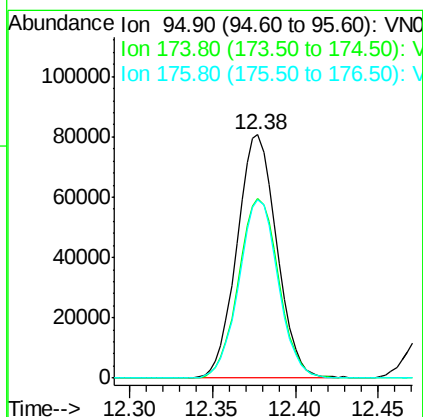
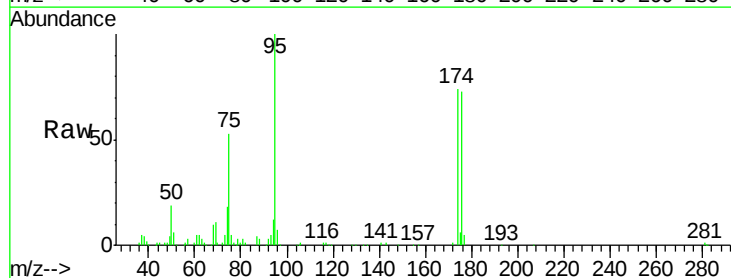
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

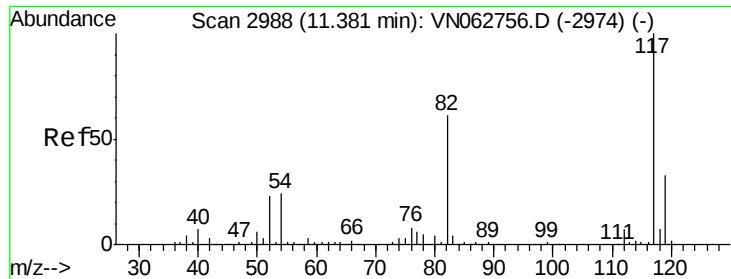
Tgt Ion: 107 Resp: 96111
 Ion Ratio Lower Upper
 107 100
 109 93.1 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 52.302 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion: 95 Resp: 134808
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 144.8
 176 72.3 0.0 142.2

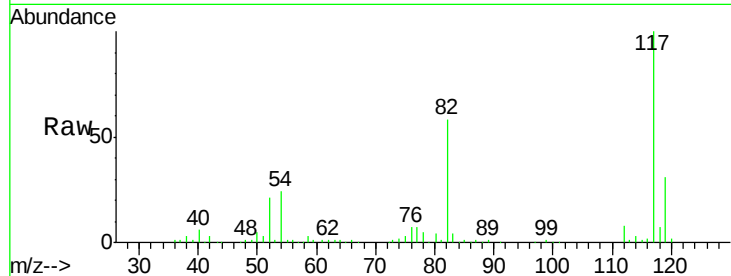




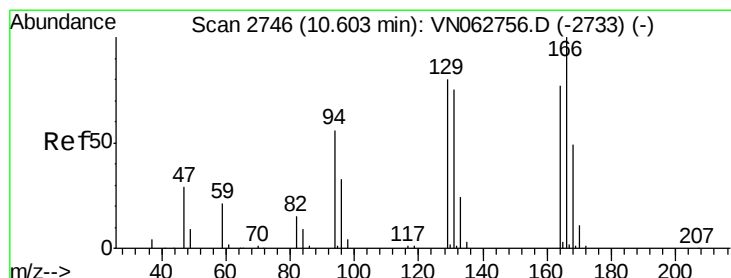
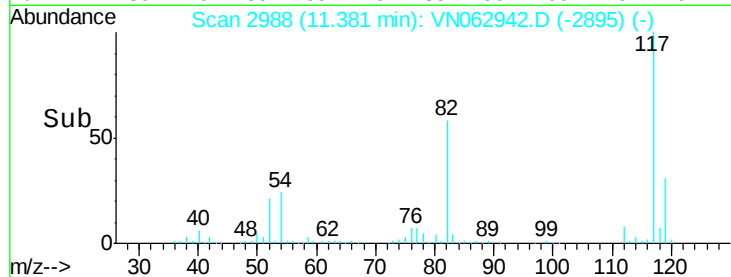
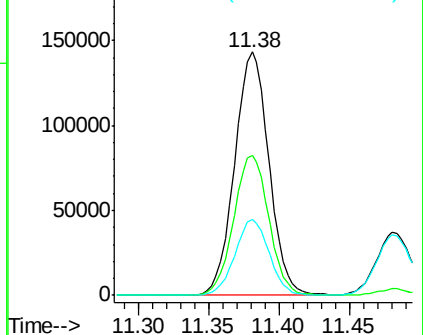
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 244846
Ion Ratio Lower Upper
117 100
82 57.7 49.0 73.4
119 31.2 26.2 39.2



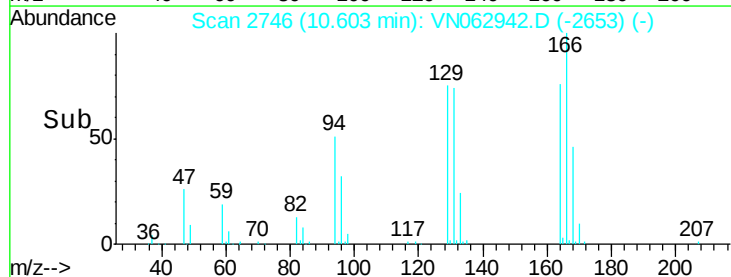
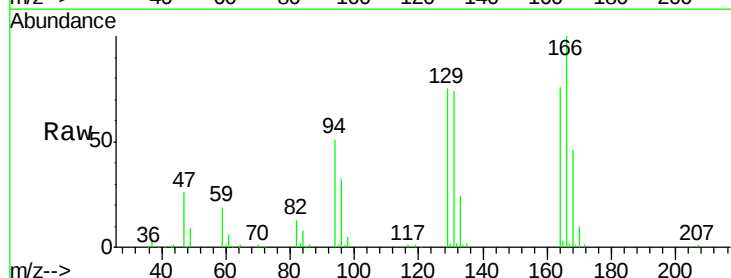
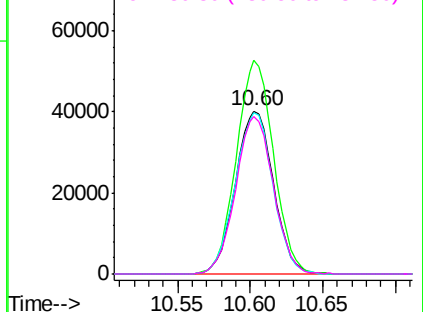
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

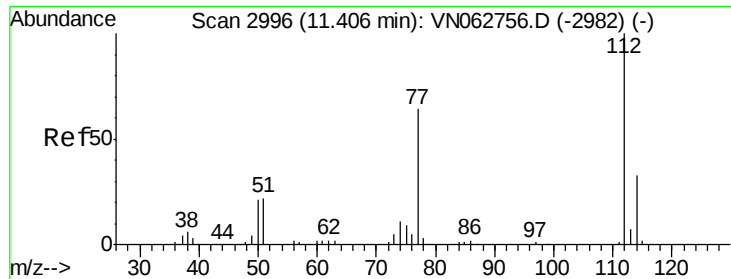


#64
Tetrachloroethene
Concen: 46.410 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion:164 Resp: 73318
Ion Ratio Lower Upper
164 100
166 131.2 103.8 155.8
129 99.0 82.7 124.1
131 96.8 78.2 117.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

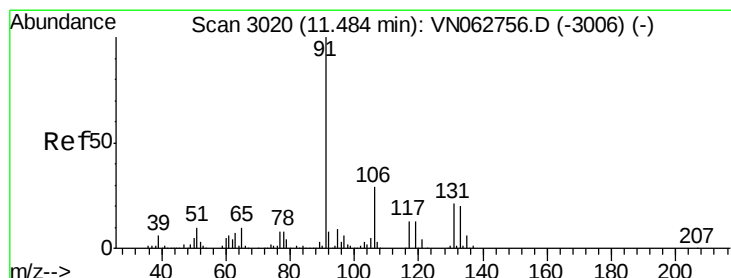
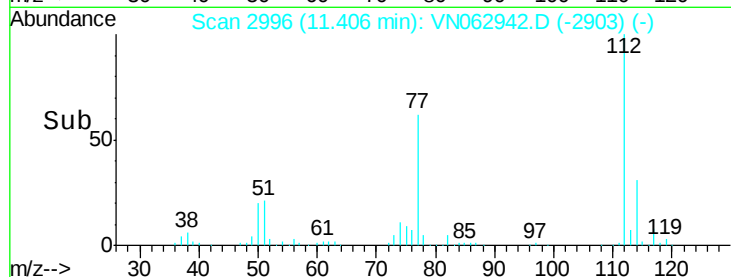
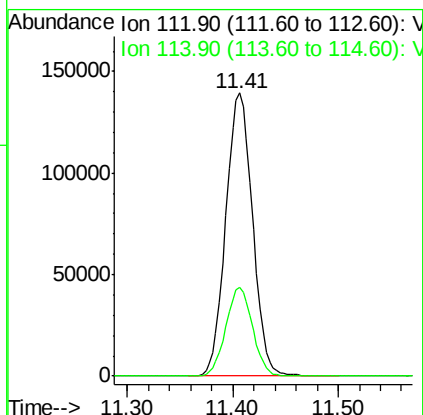
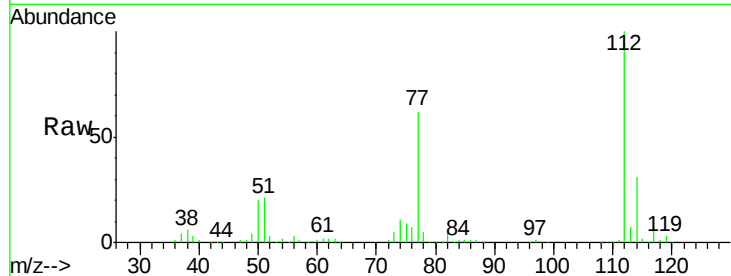




#65
Chlorobenzene
Concen: 47.864 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

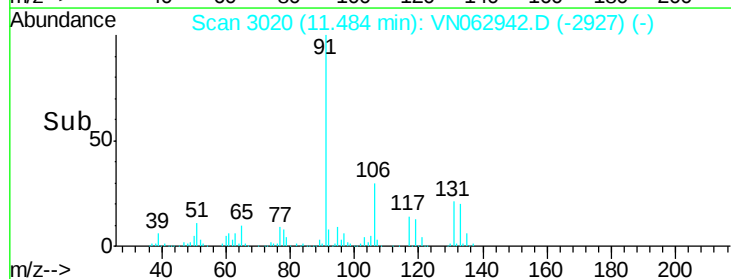
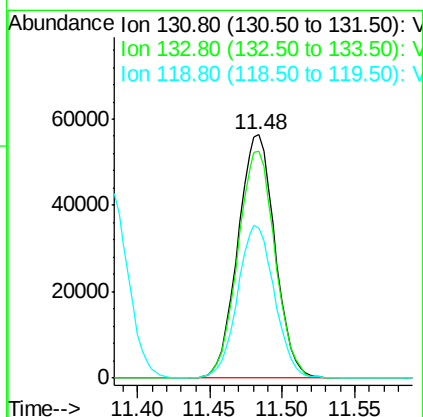
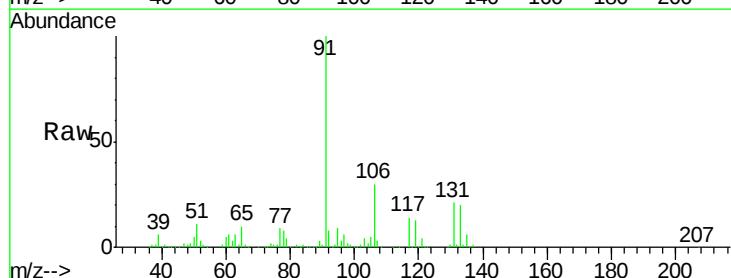
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

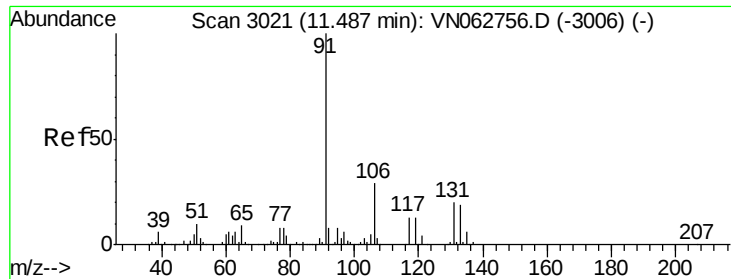
Tgt Ion:112 Resp: 244977
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.782 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion:131 Resp: 100265
Ion Ratio Lower Upper
131 100
133 93.6 48.6 145.8
119 62.5 32.2 96.6

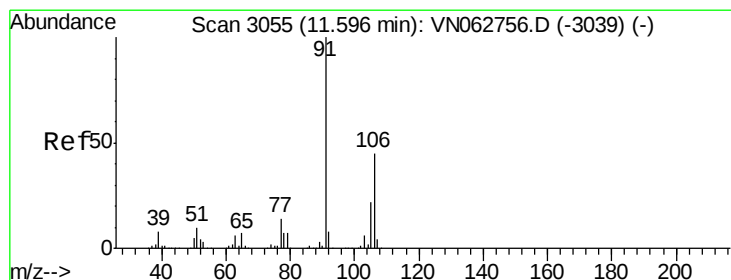
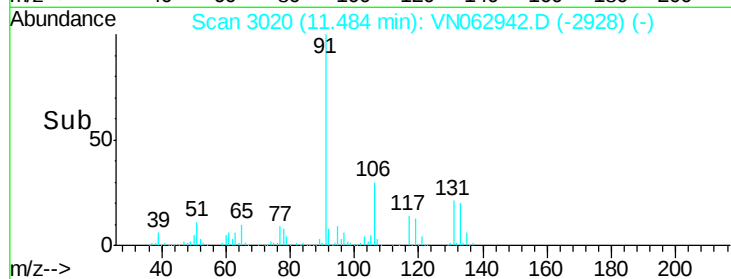
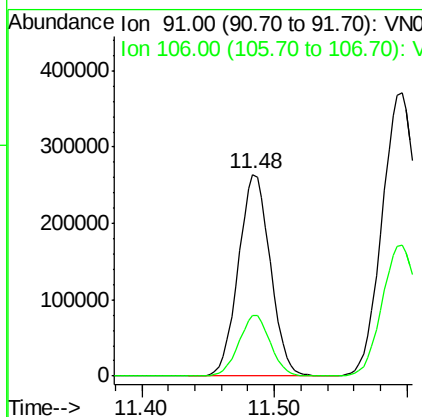
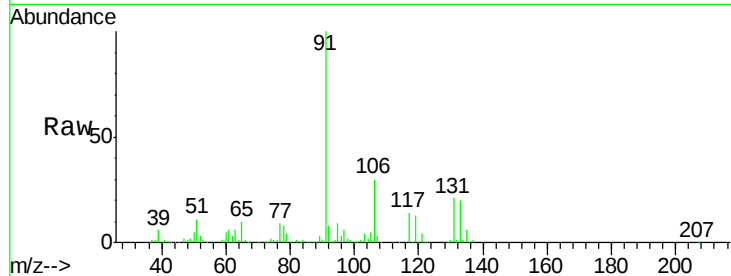




#67
Ethyl Benzene
Concen: 48.275 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

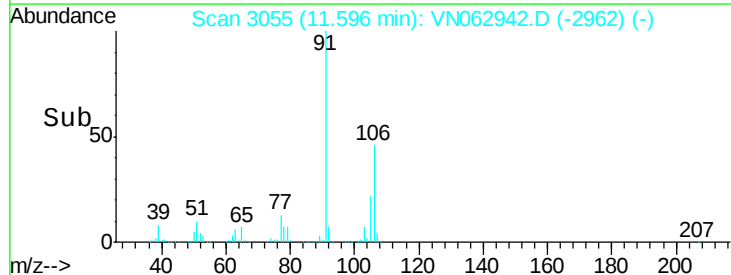
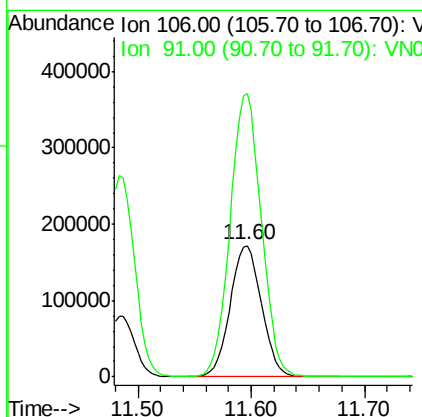
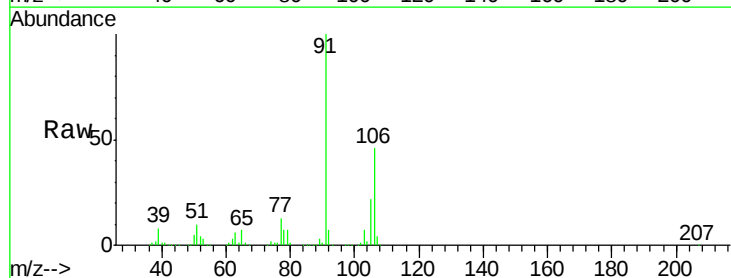
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

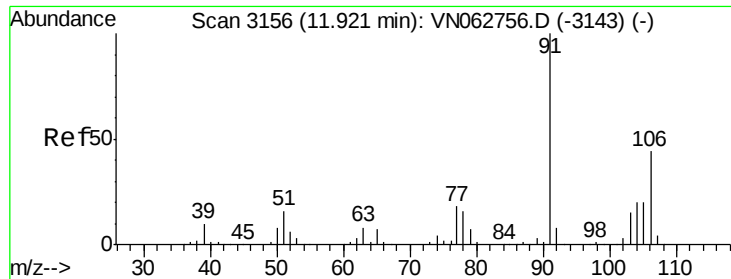
Tgt Ion: 91 Resp: 442150
Ion Ratio Lower Upper
91 100
106 30.4 23.2 34.8



#68
m/p-Xylenes
Concen: 99.238 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 106 Resp: 329938
Ion Ratio Lower Upper
106 100
91 215.2 175.9 263.9

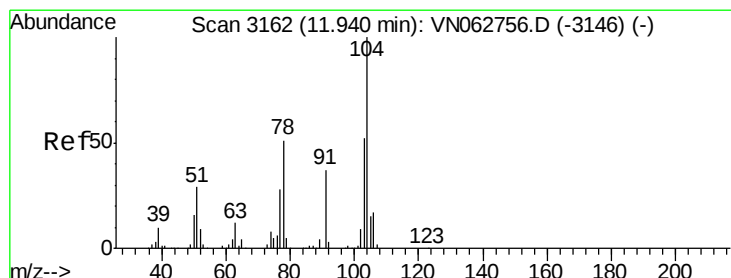
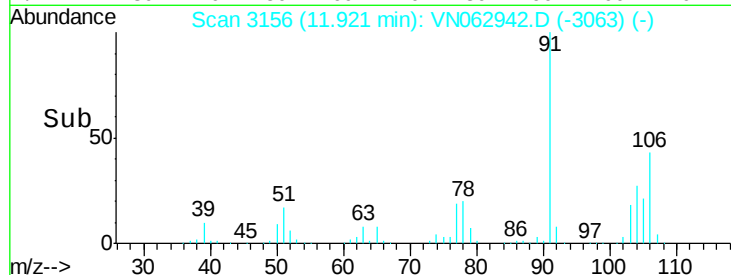
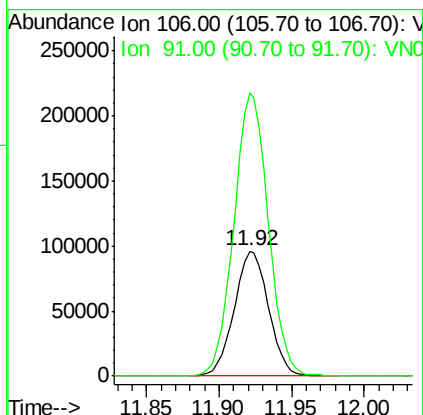
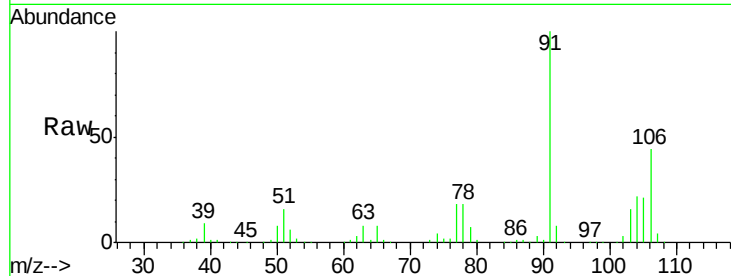




#69
o-Xylene
Concen: 50.784 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

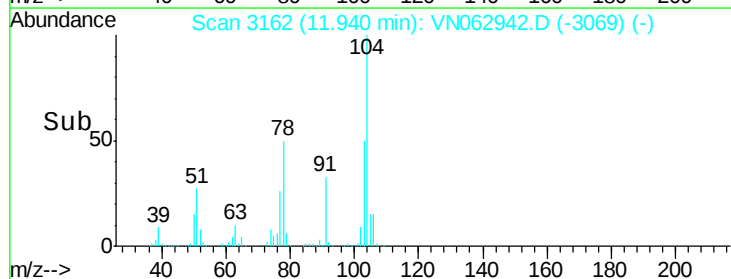
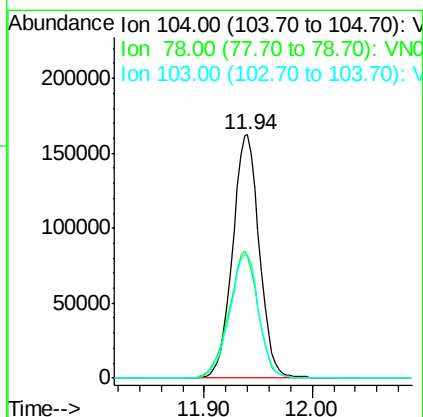
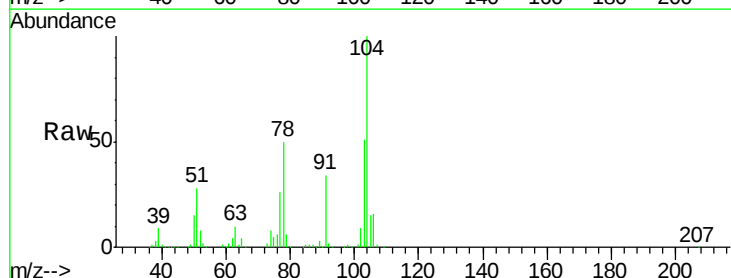
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

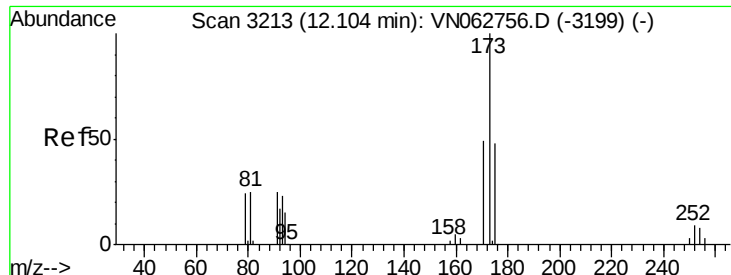
Tgt Ion:106 Resp: 158228
Ion Ratio Lower Upper
106 100
91 227.2 115.8 347.4



#70
Styrene
Concen: 51.267 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion:104 Resp: 280772
Ion Ratio Lower Upper
104 100
78 56.4 45.9 68.9
103 55.6 45.1 67.7





#71

Bromoform

Concen: 48.361 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

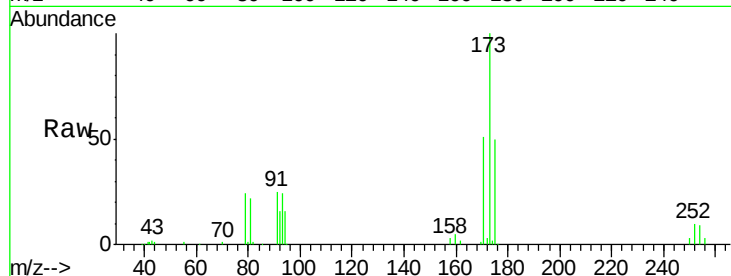
Tgt Ion:173 Resp: 81327

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

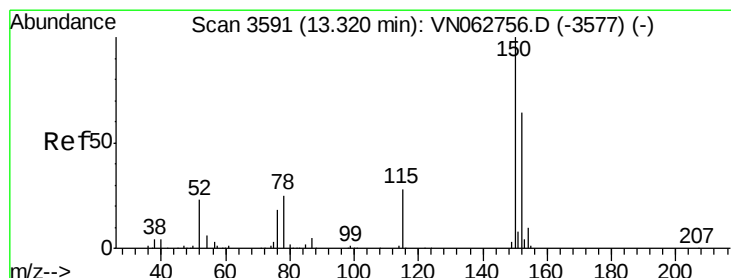
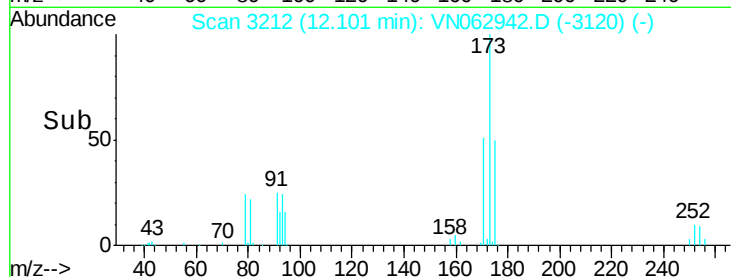
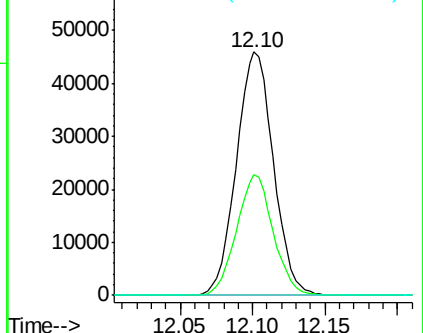
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

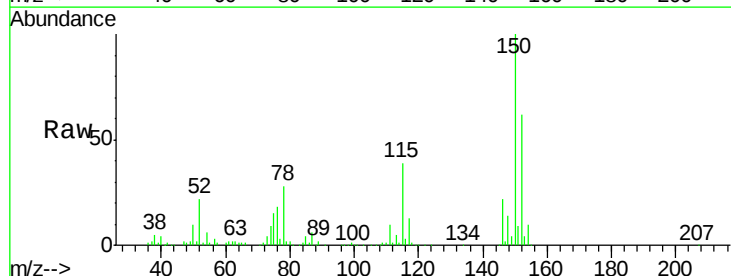
Tgt Ion:152 Resp: 121793

Ion Ratio Lower Upper

152 100

115 63.9 31.6 94.8

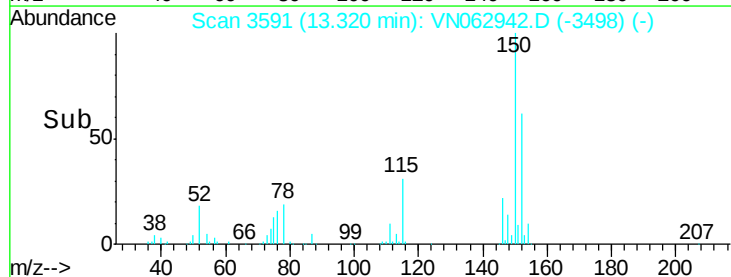
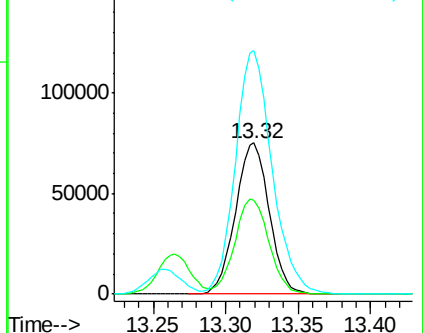
150 174.6 0.0 349.2

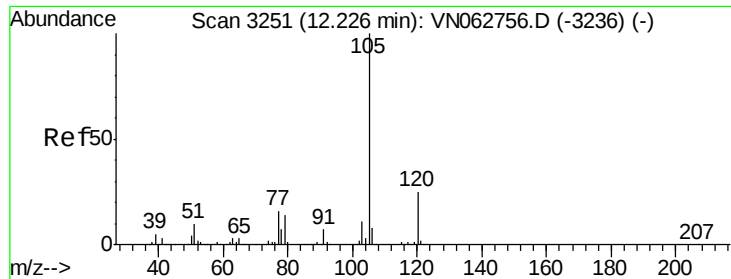


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

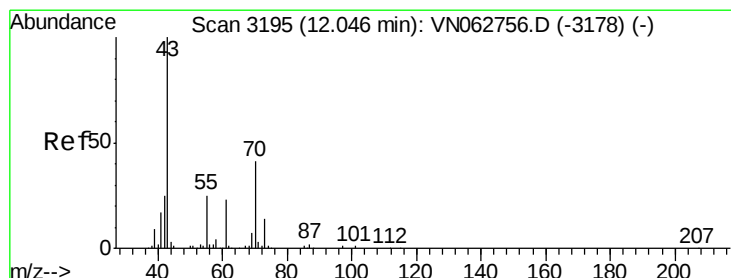
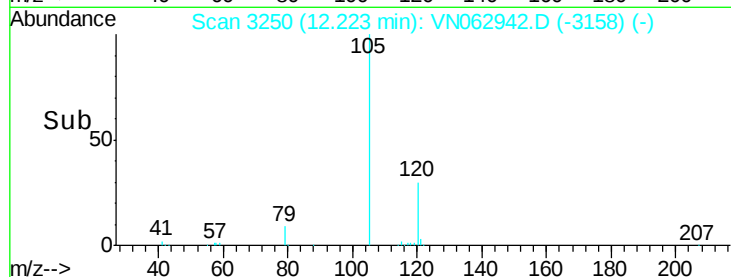
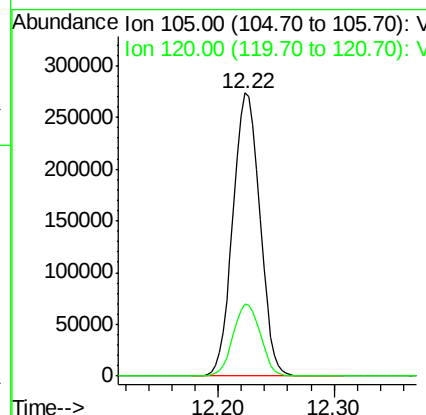
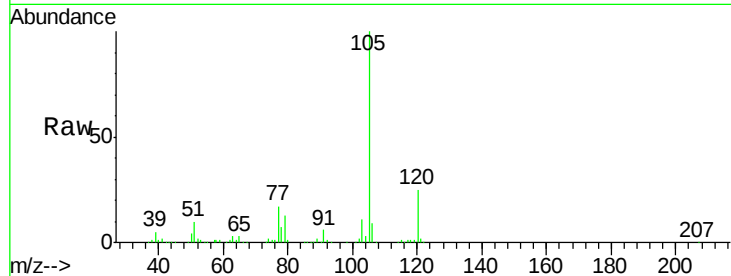




#73
Isopropylbenzene
Concen: 48.144 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

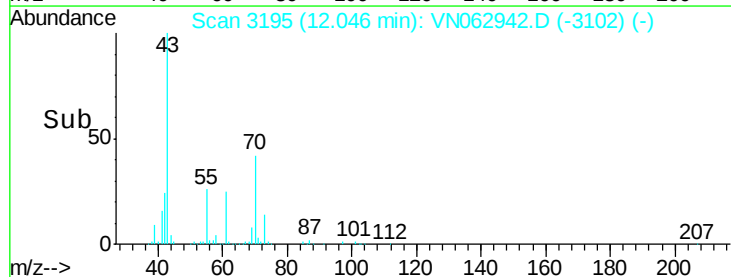
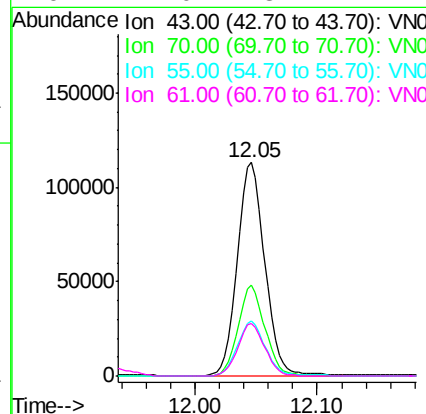
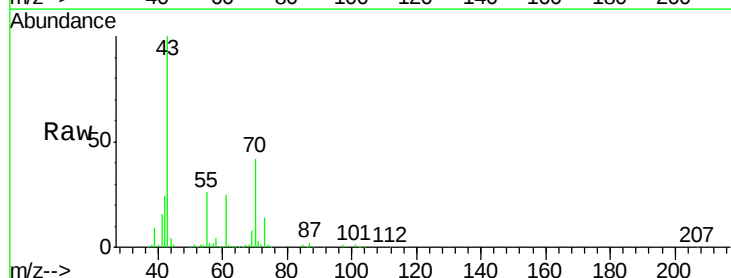
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

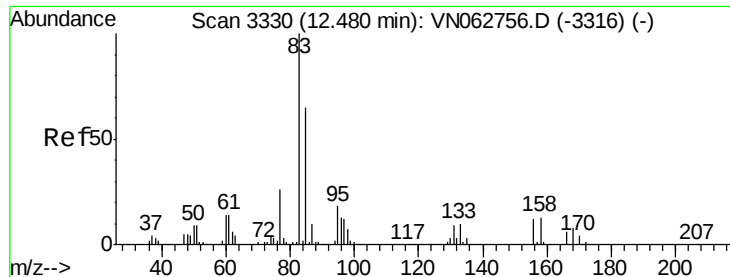
Tgt Ion: 105 Resp: 441527
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.8



#74
N-ethyl acetate
Concen: 48.012 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion: 43 Resp: 178436
Ion Ratio Lower Upper
43 100
70 41.4 32.3 48.5
55 26.1 20.2 30.2
61 24.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.914 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

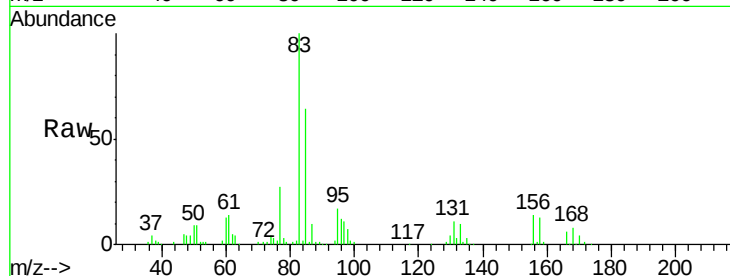
Tgt Ion: 83 Resp: 148230

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

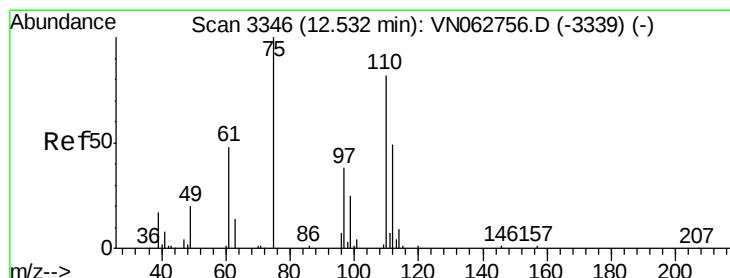
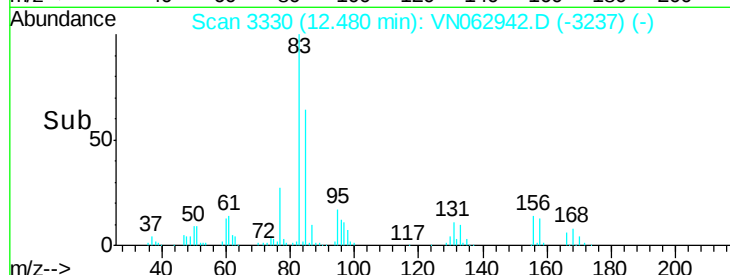
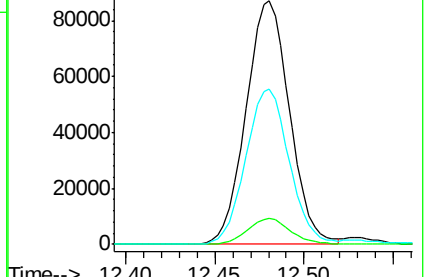
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062942.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062942.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062942.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 59.619 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062942.D

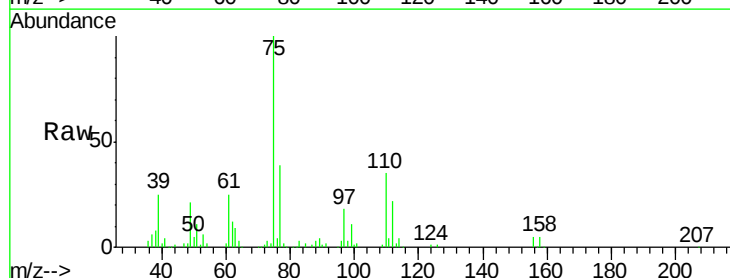
Acq: 14 Aug 2020 18:30

Tgt Ion: 75 Resp: 195827

Ion Ratio Lower Upper

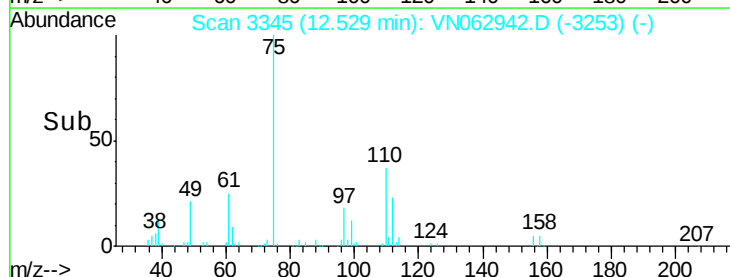
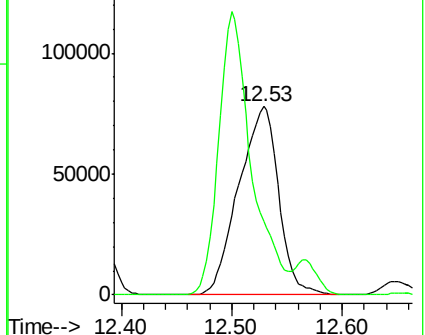
75 100

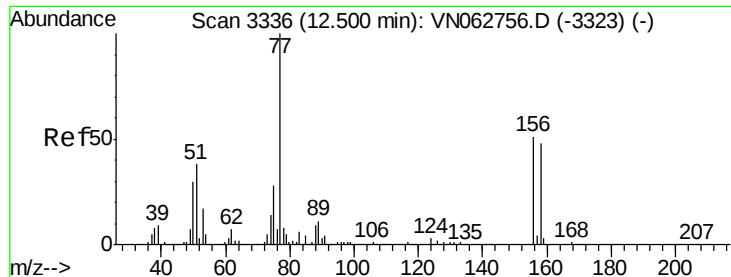
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062942.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062942.D (-3253) (-)





#77

Bromobenzene

Concen: 47.889 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

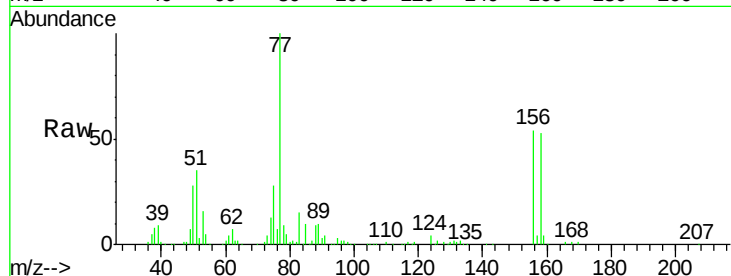
Tgt Ion:156 Resp: 109124

Ion Ratio Lower Upper

156 100

77 221.7 119.7 359.1

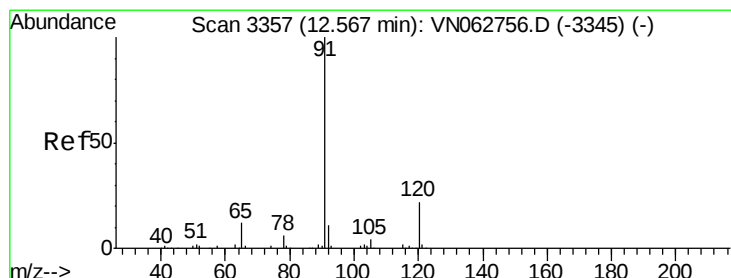
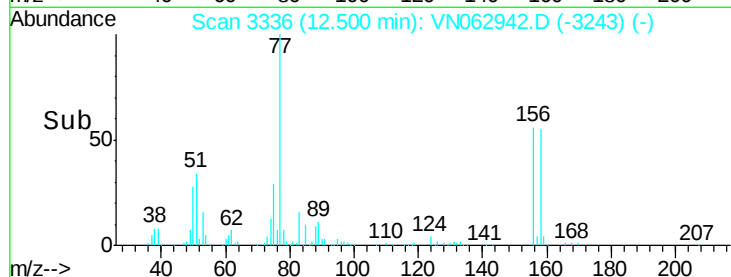
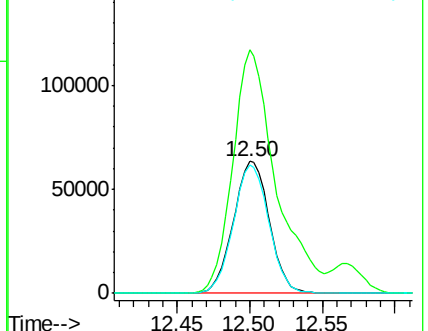
158 96.4 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.974 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062942.D

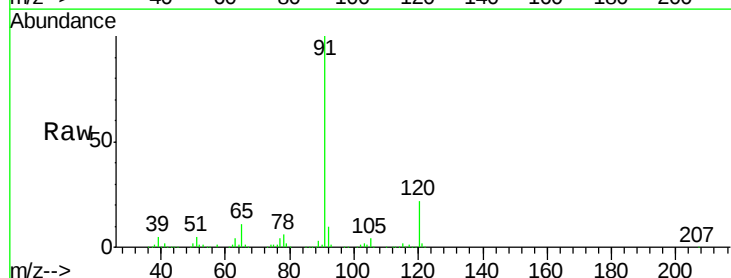
Acq: 14 Aug 2020 18:30

Tgt Ion: 91 Resp: 516457

Ion Ratio Lower Upper

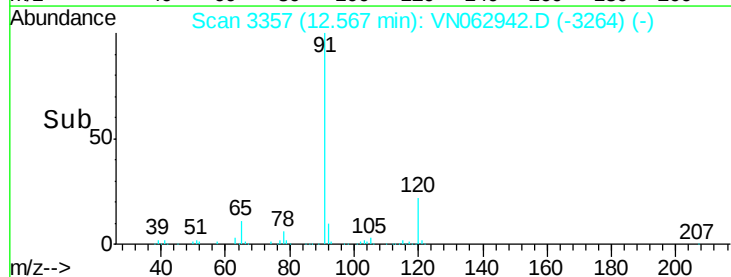
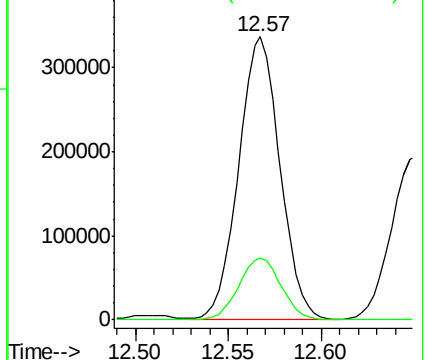
91 100

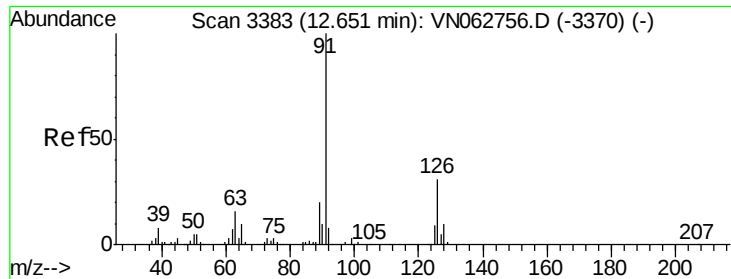
120 22.6 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.021 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

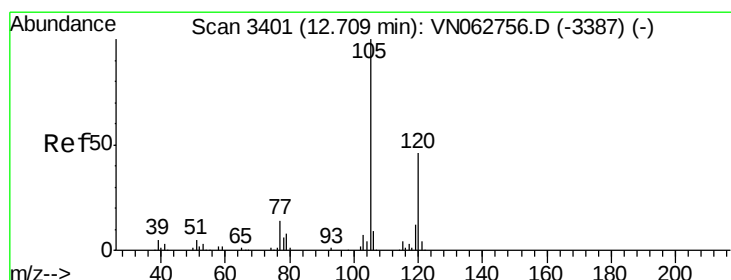
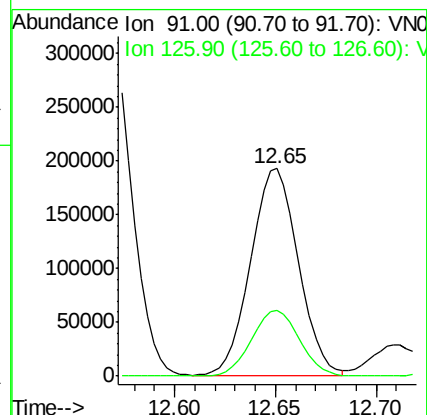
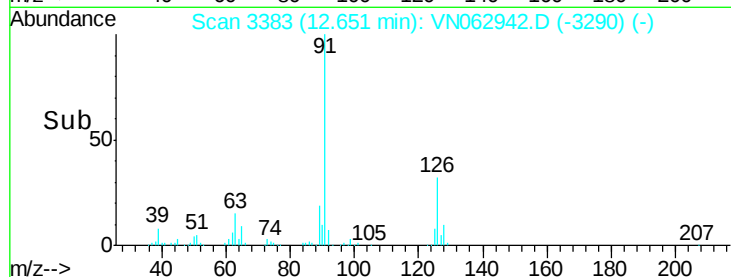
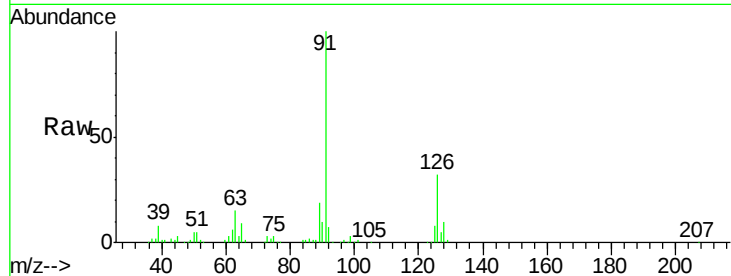
VSTDCCC050

Tgt Ion: 91 Resp: 317431

Ion Ratio Lower Upper

91 100

126 32.3 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 49.757 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062942.D

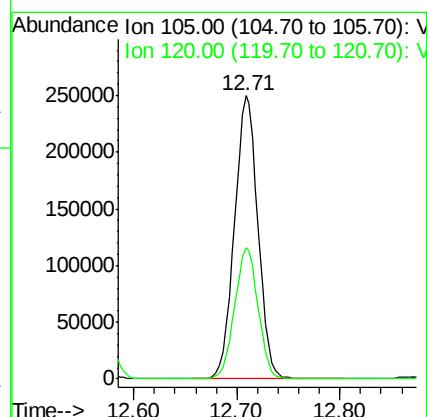
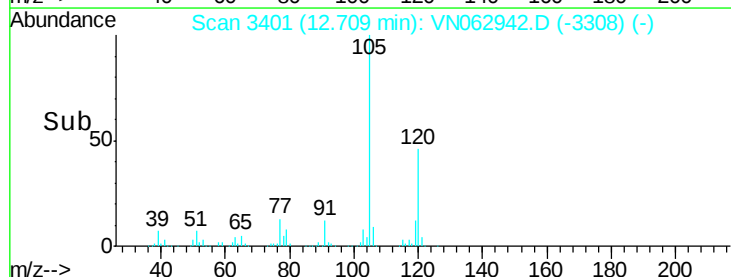
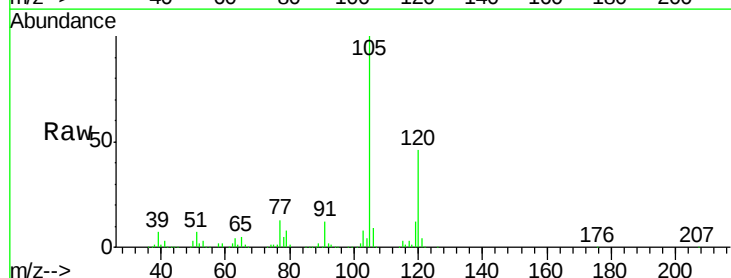
Acq: 14 Aug 2020 18:30

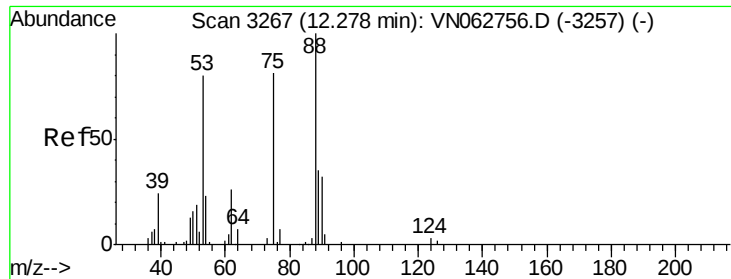
Tgt Ion: 105 Resp: 395877

Ion Ratio Lower Upper

105 100

120 46.4 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 46.865 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

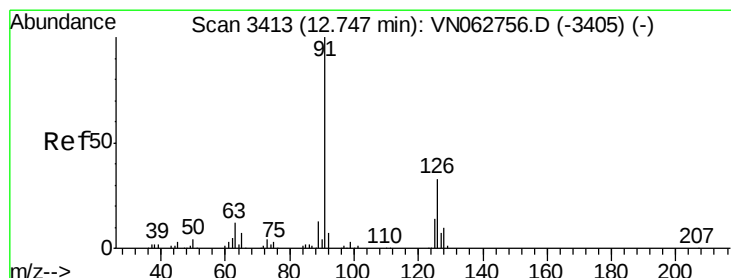
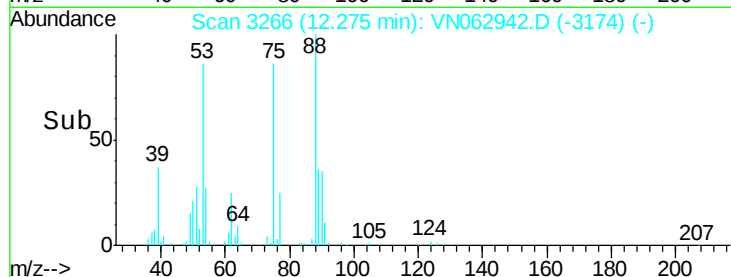
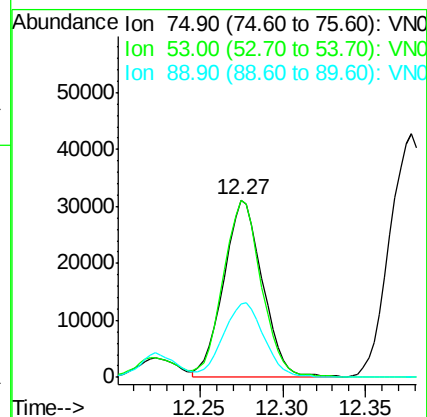
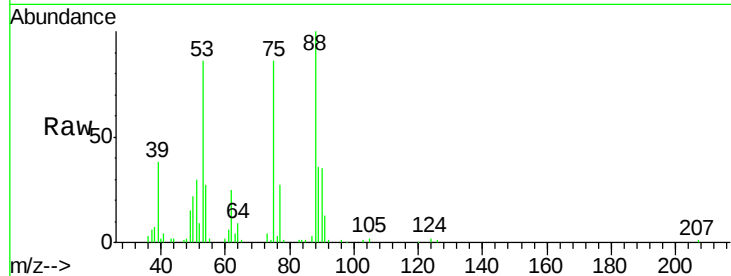
Tgt Ion: 75 Resp: 50425

Ion Ratio Lower Upper

75 100

53 99.3 79.1 118.7

89 44.4 36.2 54.2



#82

4-Chlorotoluene

Concen: 48.344 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062942.D

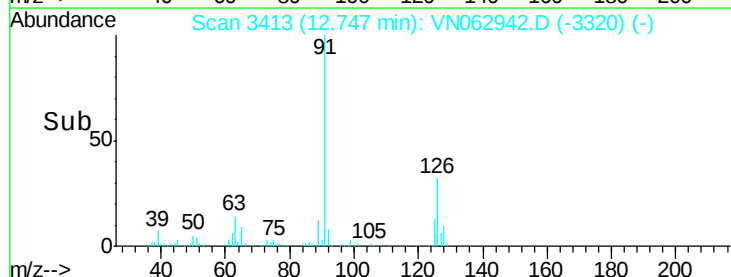
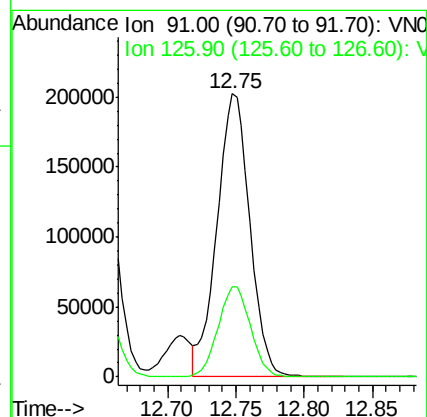
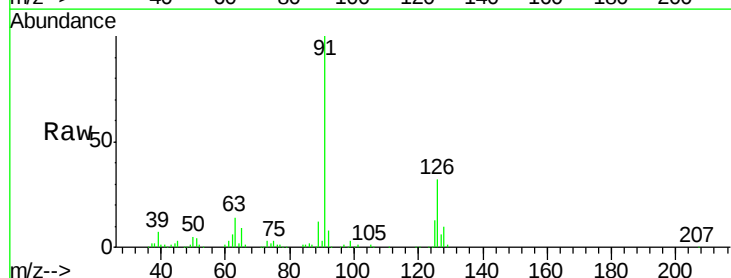
Acq: 14 Aug 2020 18:30

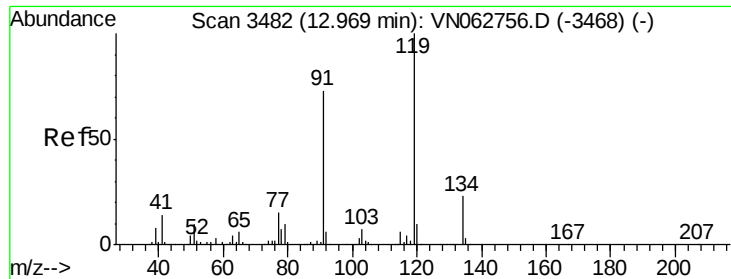
Tgt Ion: 91 Resp: 336325

Ion Ratio Lower Upper

91 100

126 31.5 15.3 45.9

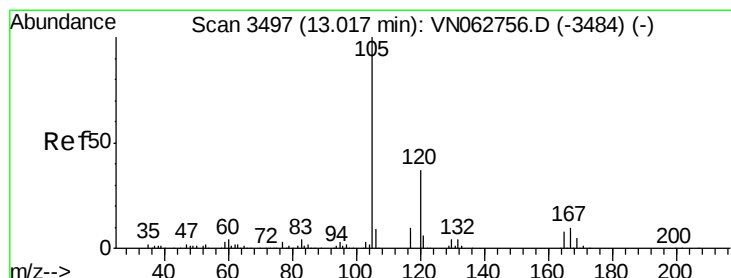
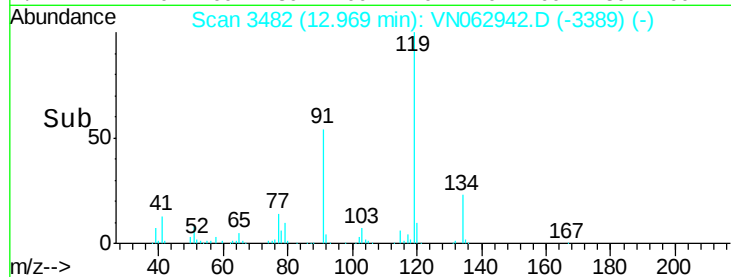
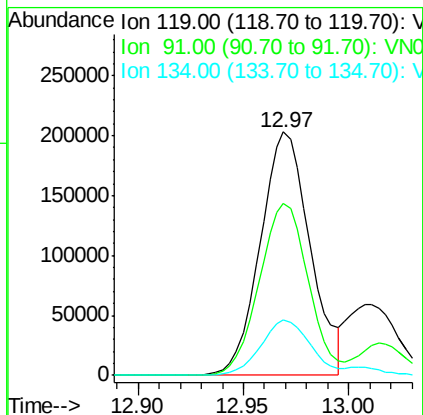
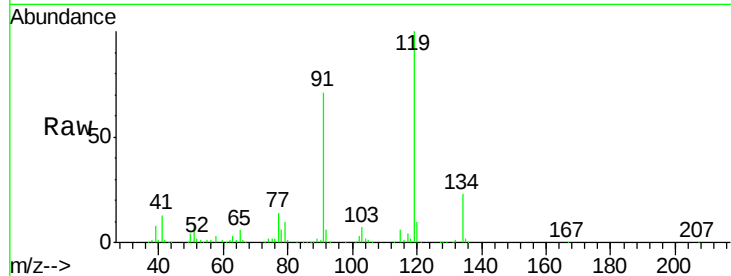




#83
 tert-Butylbenzene
 Concen: 49.556 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

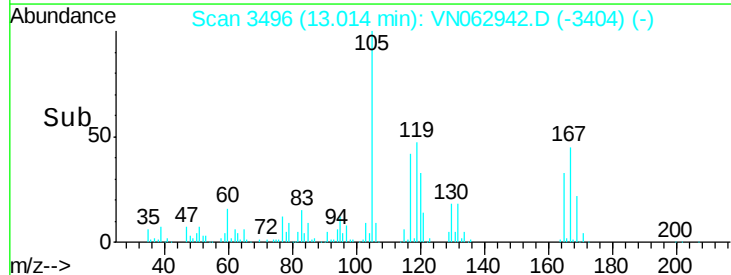
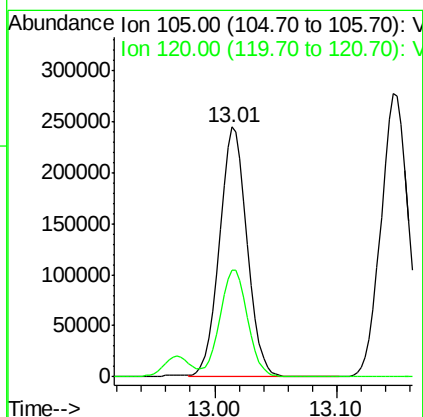
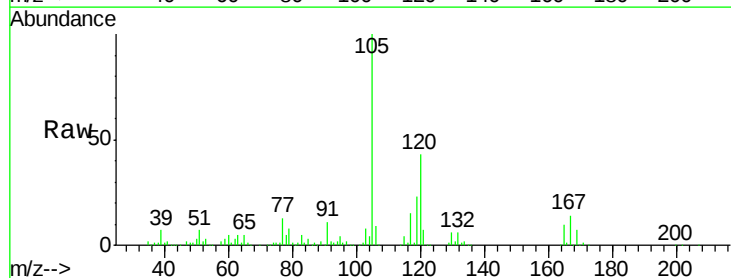
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

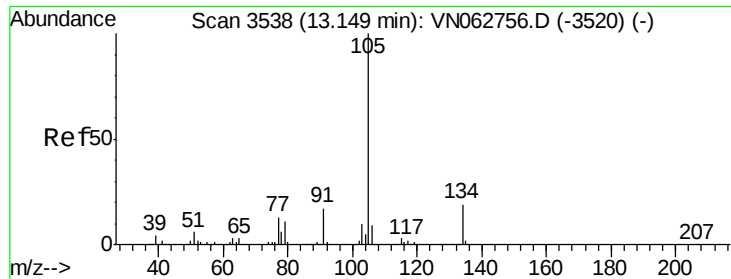
Tgt Ion:119 Resp: 333628
 Ion Ratio Lower Upper
 119 100
 91 69.9 36.5 109.5
 134 22.8 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.861 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion:105 Resp: 387128
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.4 64.2

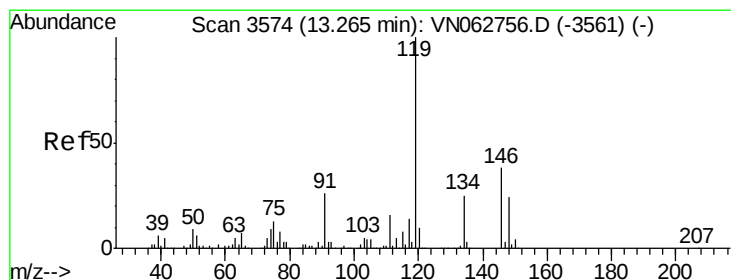
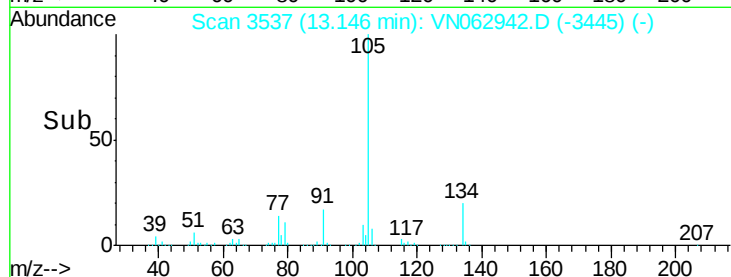
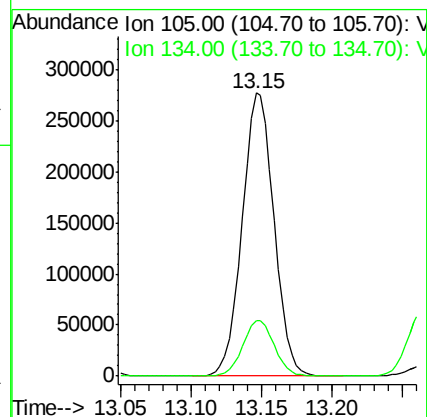
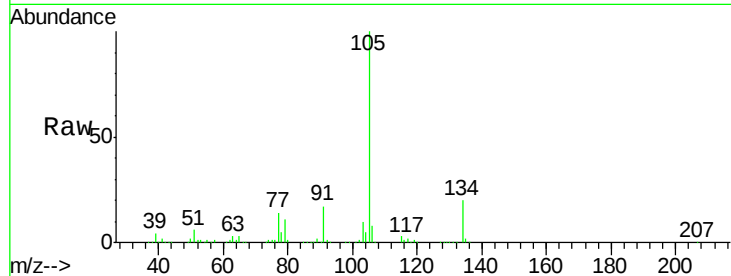




#85
 sec-Butylbenzene
 Concen: 49.276 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

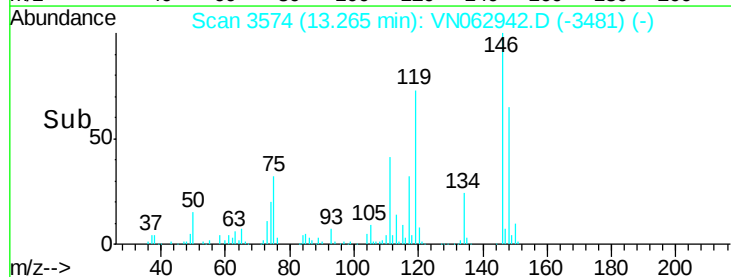
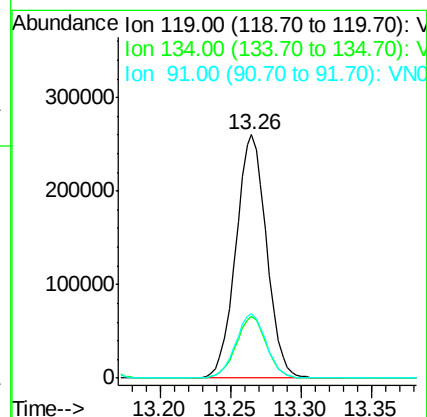
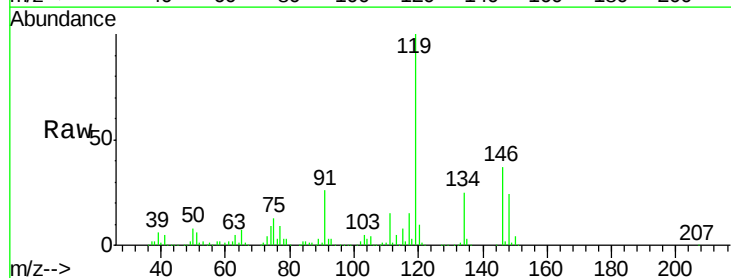
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

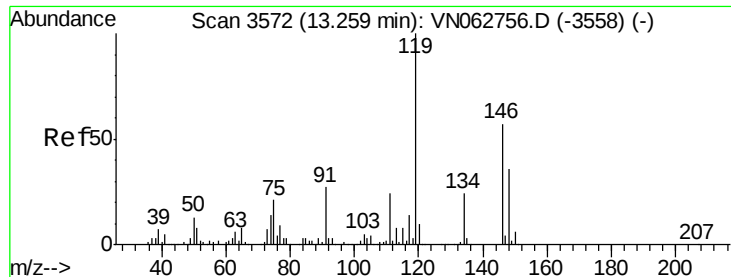
Tgt Ion:105 Resp: 435645
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 50.165 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion:119 Resp: 393667
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 26.3 13.4 40.2

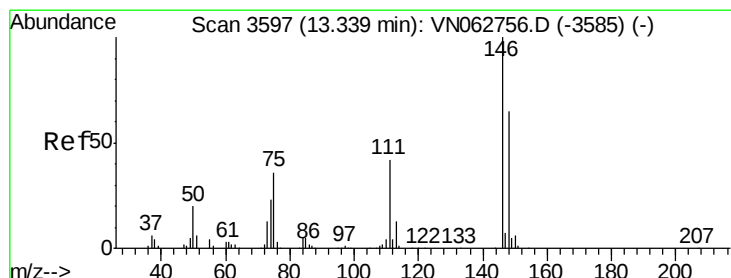
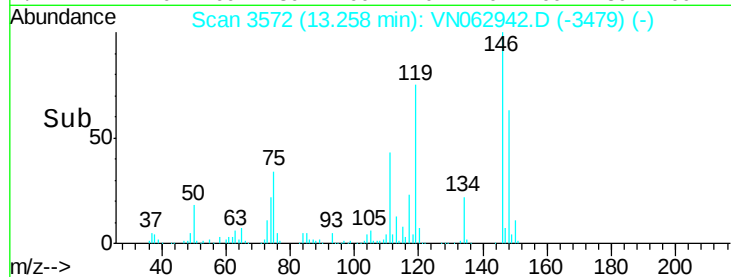
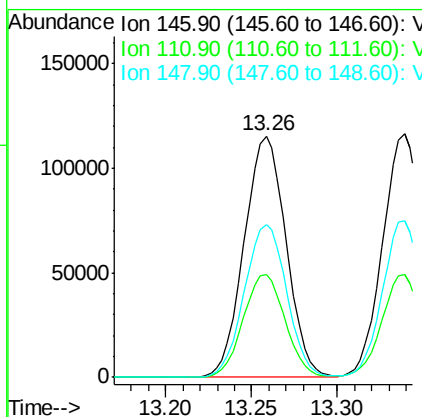
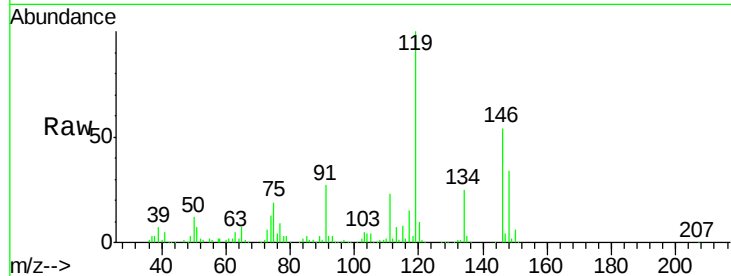




#87
 1,3-Dichlorobenzene
 Concen: 47.987 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

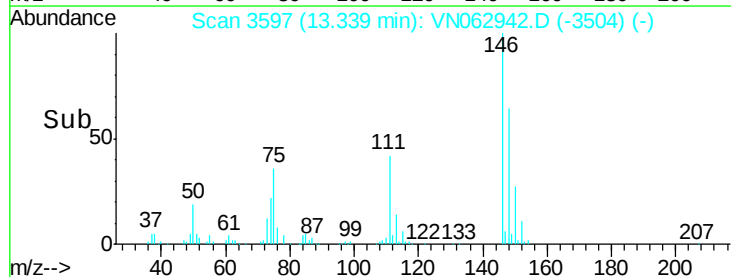
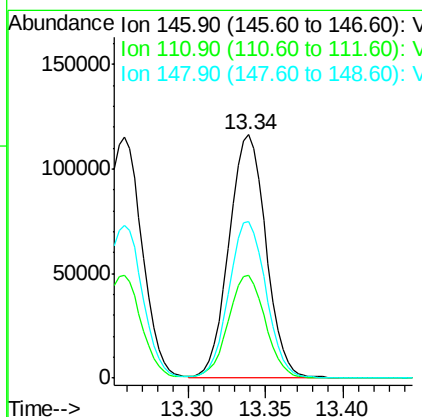
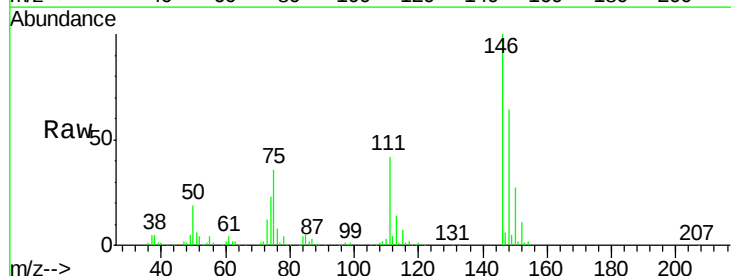
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

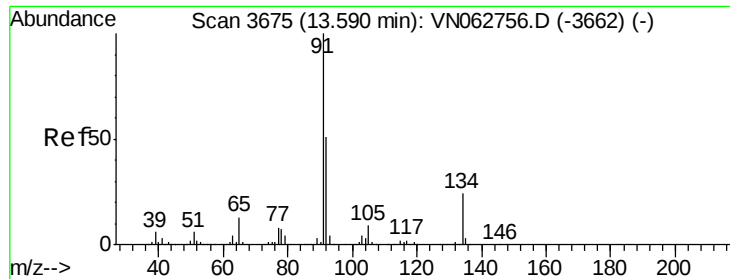
Tgt Ion:146 Resp: 195345
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.7 65.1
 148 64.0 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 47.225 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion:146 Resp: 192816
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.6 64.6
 148 64.4 32.6 97.8





#89

n-Butylbenzene

Concen: 48.566 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

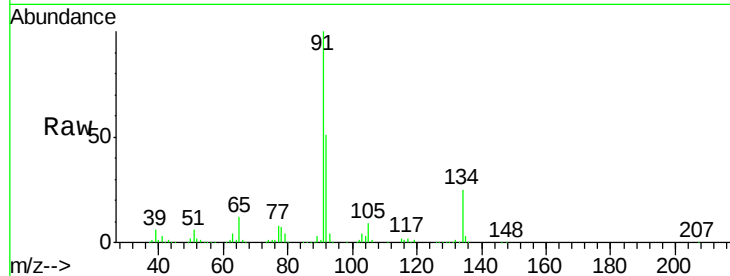
Tgt Ion: 91 Resp: 322336

Ion Ratio Lower Upper

91 100

92 50.6 25.7 77.0

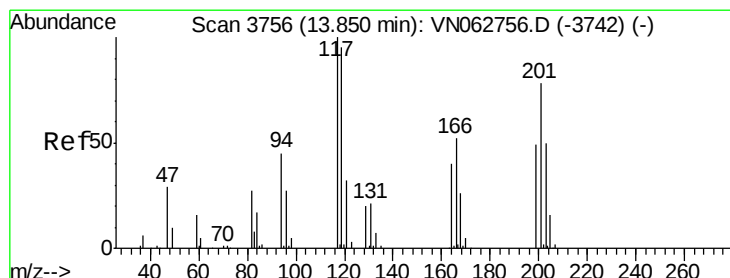
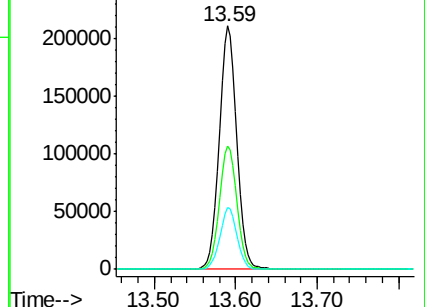
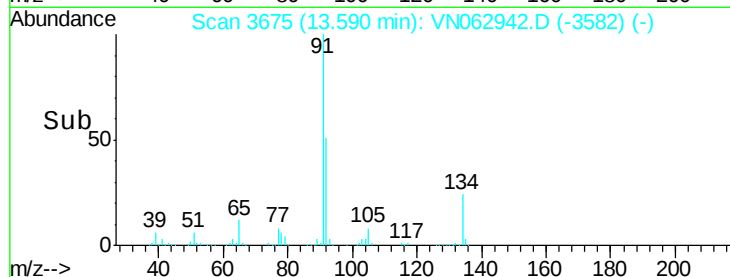
134 24.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN062942.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062942.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062942.D (-3582) (-)



#90

Hexachloroethane

Concen: 45.607 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062942.D

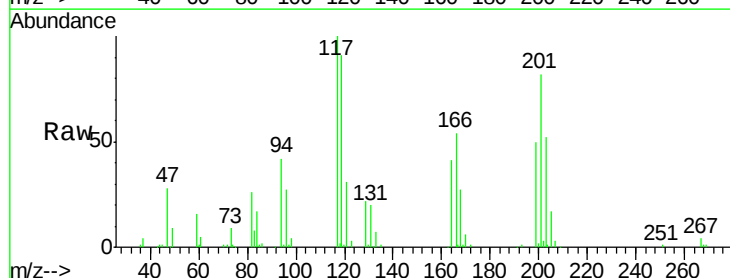
Acq: 14 Aug 2020 18:30

Tgt Ion: 117 Resp: 77147

Ion Ratio Lower Upper

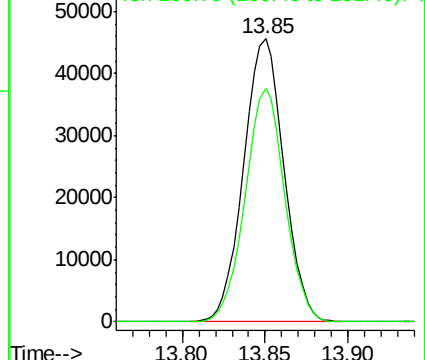
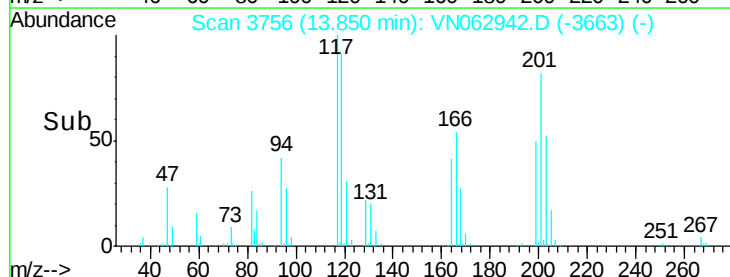
117 100

201 81.0 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062942.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062942.D (-3663) (-)





#91

1,2-Dichlorobenzene

Concen: 50.324 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

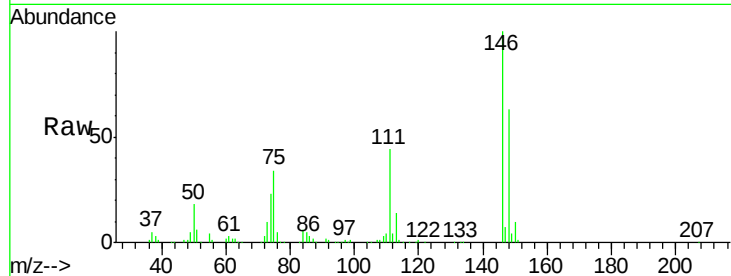
Tgt Ion:146 Resp: 192059

Ion Ratio Lower Upper

146 100

111 44.0 22.8 68.4

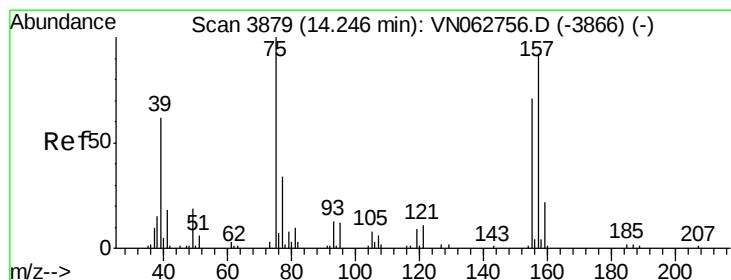
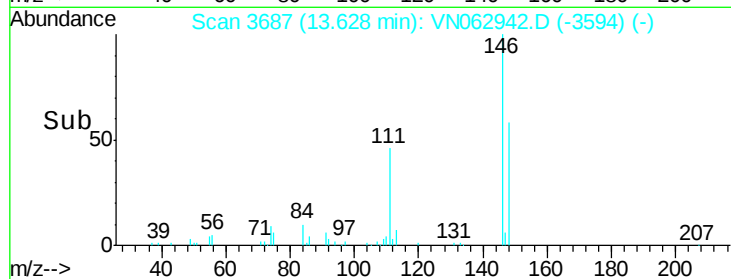
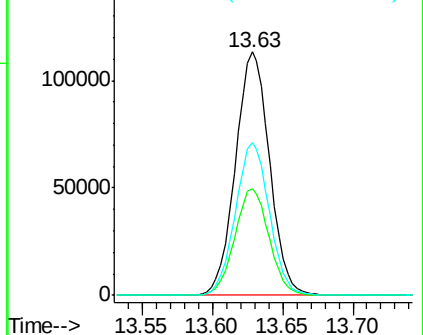
148 62.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.699 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062942.D

Acq: 14 Aug 2020 18:30

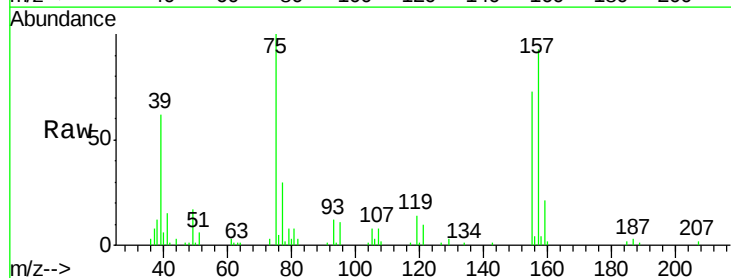
Tgt Ion: 75 Resp: 32367

Ion Ratio Lower Upper

75 100

155 72.6 35.0 105.1

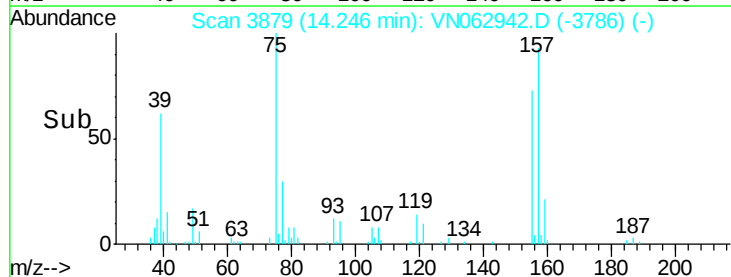
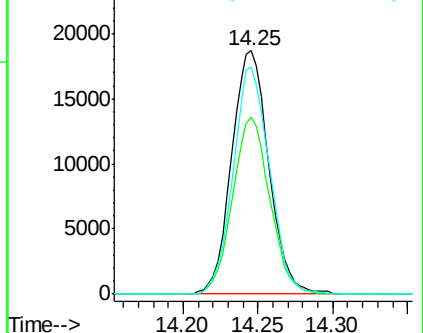
157 91.2 43.2 129.6



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

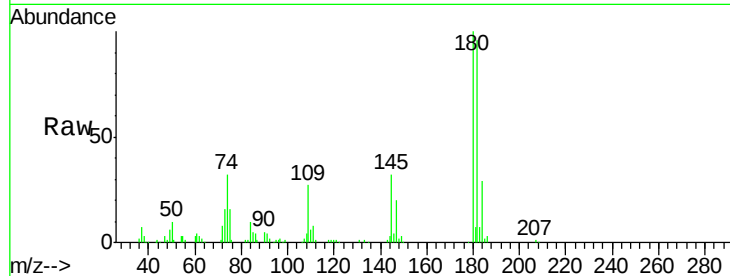




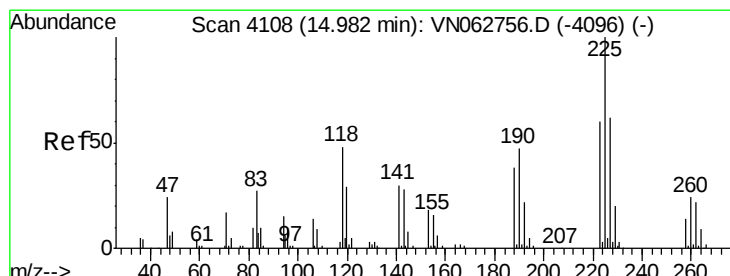
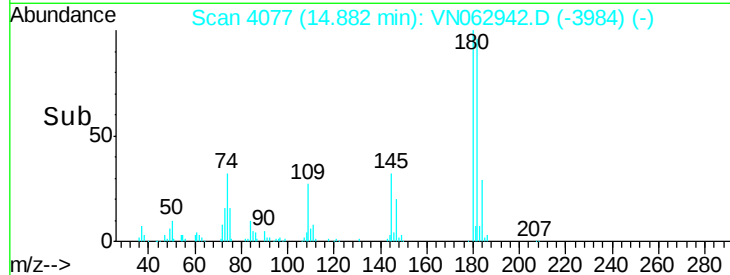
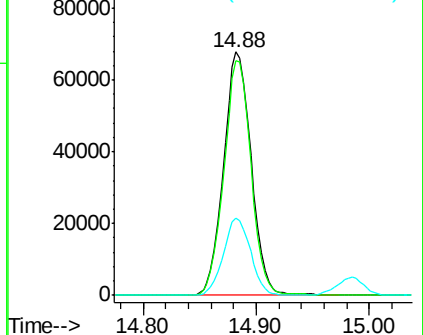
#93
 1,2,4-Trichlorobenzene
 Concen: 55.811 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 115243
 Ion Ratio Lower Upper
 180 100
 182 94.8 49.1 147.4
 145 31.4 16.3 48.8

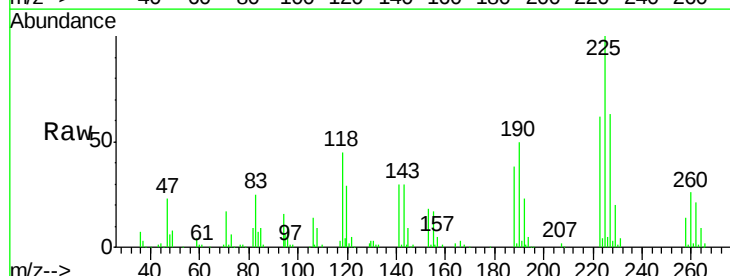


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

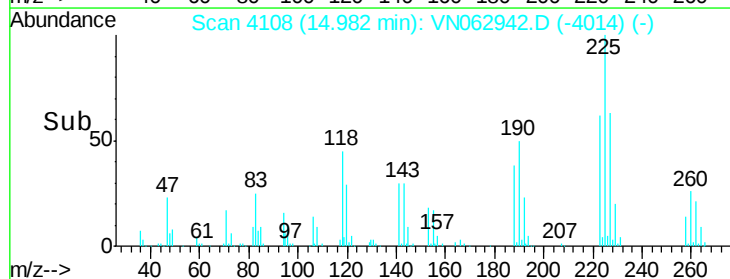
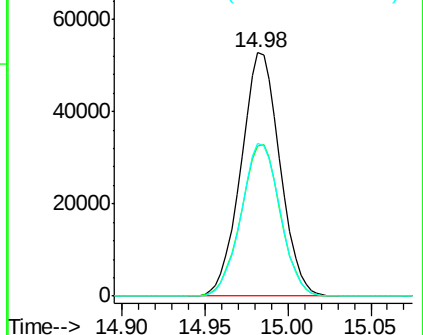


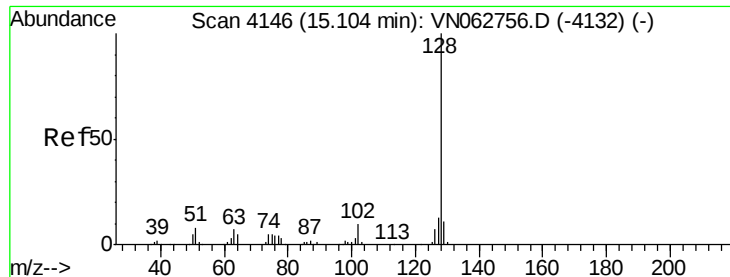
#94
 Hexachlorobutadiene
 Concen: 72.187 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062942.D
 Acq: 14 Aug 2020 18:30

Tgt Ion:225 Resp: 85889
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.6 92.0
 227 62.9 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

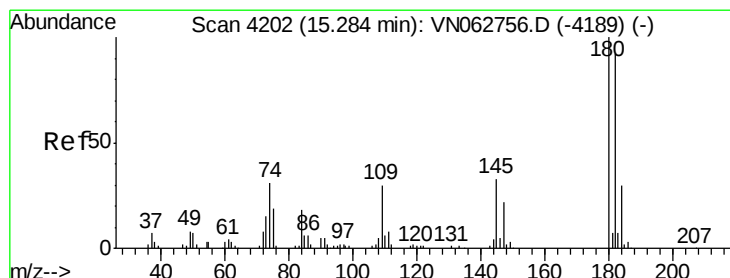
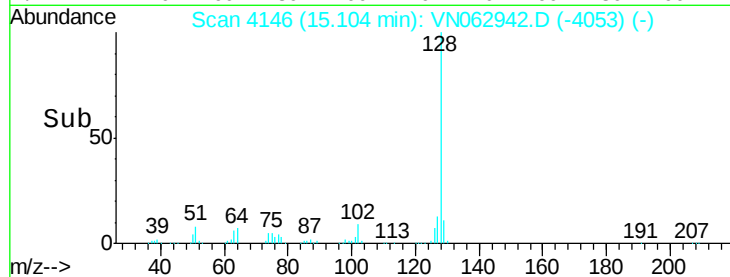
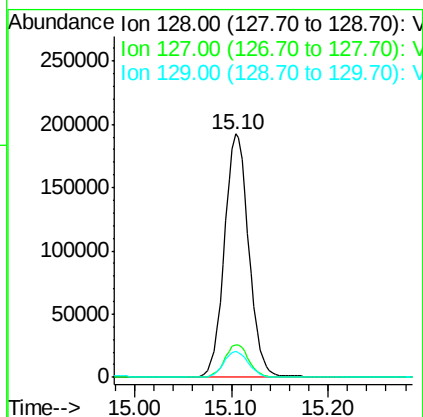
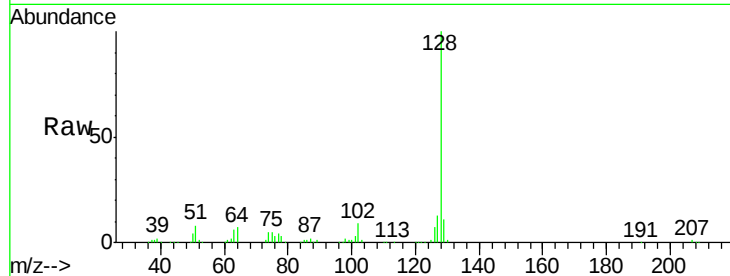




#95
Naphthalene
Concen: 59.417 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 336892
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 64.110 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062942.D
Acq: 14 Aug 2020 18:30

Tgt Ion:180 Resp: 131166
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.6
145 32.5 17.3 51.7

